

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2205561125
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate OCD District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Natalie Gladden Title: Director of Environmental and Regulatory

Signature:  Date: 11-4-22

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

OCD Only

Received by: Jocelyn Harimon Date: 11/07/2022

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

Closure Approved by: Robert Hamlet Date: 1/24/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



**MONEY GRAHAM CTB
CLOSURE REQUEST**

**API NO. 30-015-46220
LEGALS: UNIT/L H, SECTION 32, TOWNSHIP 26S, RANGE 29E
EDDY COUNTY, NM**

**DATE OF RELEASE: 02/24/2022
INCIDENT NO. NAPP2205561125**

October 26, 2022

PREPARED BY:



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

October 26, 2022

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

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

Subject: Closure Request for Tap Rock Operating – Money Graham CTB

API No. 30-015-46220
Incident No. NAPP2205561125
Unit Letter H, Section 32, Township 26S, Range 29E
Eddy County, New Mexico

To Whom it May Concern:

Tap Rock Operating has retained Energy Staffing Services (ESS), to conduct a spill and fire assessment, delineation, and remediation for the Money Graham CTB (hereafter referred to as the “Money Graham”) for the crude oil release that occurred on February 24, 2022. ESS provided the immediate notification of the release to the New Mexico Oil Conservation Division (NMOCD), District II Office, via email on February 24th at 5:32 p.m. (notification attached). On behalf of Tap Rock Operating, ESS also submitted the initial C141 Release Notification, along with the spill calculator form used to determine the volume of the release (attached) on February 24th. The NMOCD accepted the initial C141 as record on March 1st of 2022 and assigned the NMOCD Incident ID Number of NAPP2205561125 to this release (attached).

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

Incident Description

On February 24th around 5:32 p.m. the fluid in the flare scrubber did not dump due to the freezing weather, causing a small incipient fire on the surface of the ground. The fluid sprayed the pad area and no fluid was recovered as it was just a spray only. The fire was immediately put out by crews on location. The sprayed fluid remained on the production pad only.

ESS was notified immediately to conduct a full site assessment of the release. Upon arrival, the spill area was mapped out and initial site photos were obtained. No fluids were available to be recovered as this was only a spray. With using the square footage of the release and volumes recovered, Tap Rocks lost production was entered into the Spill Calculator Worksheet. An approximate 4.36bbls of crude oil/condensate was released with no recovery. The impacted area was measured as 990 sq. ft. of surface. Please see the initial site photos and the impact map attached herein.

Site Characterization

The release at the Money Graham occurred on private owned land and is located at latitude 32.002090 and longitude -104.001657, 22.9 miles southwest of Loving, New Mexico. The legal description for the site is Unit Letter H, Section 32, Township 26S, Range 29 East, in Eddy County, New Mexico. The well was permitted as the Money Graham Federal Com CTB. Please see the site map attached.

The Money Graham consist of oil and gas production equipment, of which the facility has two lined containments both for production tanks and the other being for production vessels, by a nearby oil and exploration wells and on a production well-pad. The elevation is 2,872 ft. This area historically, has been dominated by very shallow side-oats grama, black grama, Metcalfe's muhly, green sprangle-top along with other shrubs, perennial forbs, and grasses. (Please see 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 Money Graham consists of 100% RU-Russier-Ector Association, with 0 to 9 percent slopes. (Documentation attached). In the area of the Money Graham the *FEMA National Flood Hazard Layer*, indicates that there is 0.2% annual chance of a flood hazard in this area. (See map attached).

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

There is surface water located 4,309 ft. southeast, 5,486 ft. northeast and 6,634 ft east of the Money Graham site. This site is near a continuously flowing watercourse, lakebed and the lakebed are found farther than a ½ mile from the release. No other critical or community features at the Money Graham was found. The ½ mile requirement is found in *Paragraph (4) of Subsection C of 19.15.29.12 NMAC*. (Please find attached Watercourse Map).

The nearest and most recent water well to the site according to the *New Mexico Office of the State Engineer* is C03605 POD1, which is located 2831' from the site and was drilled in 2013. The well was drilled to 45'bgs and no water was located or measured. The next verifiable water well is C04561 POD1, located 6006' from the site and drilled in 2021. This well was drilled to an unknown depth. C04022 POD2m, located 6501' from the site and was drilled in 2017. The well was drilled 250'bgs and water was encountered 145'bgs. Please find the groundwater data and map from the NMOSE wells attached herein. An extended groundwater search was conducted using the *OSE POD Location Mapping System*

and it has been determined that, no wells exist within a ½ a mile radius from the Money Graham. Please find the Ground Water Data attached herein.

Closure Criteria Determination

The Closure Criteria for Soils Impacted by a Release is shown below. No groundwater data was found within a ½ a mile radius from the release point, being on Fee Land, and in a “medium karst potential,” the site fell under the <50’ to ground water requirement. Please see chart below:

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

Soil Remediation Action Levels

ESS has provided sufficient data that this release has impacted the soil at the Money Graham and that the protocol is consistent with the remediation/abatement goals and objectives set forth in the *NMOCD Closure Criteria for Soils Impacted by a Release, dated August 14, 2018*.

The guidance document provides direction for Tap Rock’s initial response actions, site assessment, sample procedures conducted by ESS Staff. We would like to present to you the following information concerning the delineation process for the release detailed herein.

Soil Sampling Procedures

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

- Collect clean samples in airtight glass jars supplied by the laboratory to conduct the analysis
- Each sample jar was labelled with site and sample information
- Samples were kept in and stored in a cool place and packed on ice
- Promptly ship sample to the lab for analysis following the chain of custody procedures

The following lab analysis method was used for each bottom hole and side wall sample submitted to Envirotech Analytical Laboratory:

Volatile Organics by EPA 8021B

- Benzene, Toluene, Ethylbenzene, p.m. Xylene, o-Xylene and Total Xylenes

Nonhalogenated Organics by EPA 8015D – GRO

- Gasoline Range Organics (C6-C10)
- Nonhalogenated Organics by EPA 8015D – DRO/ORO
- Diesel Range Organics (C10-C28)
 - Oil Range Organics (C28-C40)
- Anions by EPA 300.0/9056A
- Chloride

Release Investigation Data Evaluation

On February 24th, ESS staff was dispatched out to the Money Graham, to complete a site assessment of the release and fire incident. Initial photos were obtained and the following information was found:

- The release from the flare had sprayed underneath the portable flare unit and had sprayed north and south of the line running to the flare unit.
- No standing fluid was present.
- No fluid entered the pasture area, road or surface playa, lakes, or other watercourses.
- The impacted area on the surface of the pad measured 990 sq. ft. (impact map attached)
- Crews were onsite to check the flare and to shut in production for repairs.

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

On March 9th, ESS crews pressure washed the flare and adjacent lines in the release area. Crews mapped out the sample point placements for the delineation process and obtained surface samples. A total of three vertical sample points and five horizontal sample points were placed and GPS'd. Samples were field assessed and submitted to Envirotech Laboratories for confirmation. Please find the delineation sample data, along with the confirmation lab analysis below and attached to this report.

SP ID	Depth	Tit	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	SURF	180	H	0.209	ND	1550	1250	2800	153
	1'	180	H						
	2'	160	H						
	3'	100	ND						
	4'	40	ND	ND	ND	ND	ND	ND	ND

SP2	SURF	40	H	0.618	ND	10100	3330	13430	ND
	1'	680	H						
	2'	640	H						
	3'	480	ND						
	4'	20	ND	ND	ND	ND	ND	ND	ND

SP3	SURF	>4000	H	ND	ND	7280	2360	9640	14400
	1'	1640	H						
	2'	1200	H						
	3'	480	ND						

	4'	80	ND	ND	ND	ND	ND	ND	ND
--	----	----	----	----	----	----	----	----	----

SW1	SURF	>4000	H	ND	ND	1060	395	1455	9240
	1'	>4000	H						
	2'	>4000	H						
	3'	>4000	H						
	4'	2200	L						
	5'	560	ND						
	6'	160	ND	ND	ND	ND	ND	ND	176

SW2	SURF	>4000	H	ND	ND	992	253	1245	5130
	1'	800	H						
	2'	1200	H						
	3'	640	L						
	4'	480	ND						
	5'	240	ND	ND	ND	ND	ND	ND	177

SW3	SURF	160	H	0.456	ND	394	268	662	90.9
	1'	160	H						
	2'	160	L	0.502	ND	365	225	590	106
	3'	40	ND						
	4'	20	ND	ND	ND	ND	ND	ND	ND

SW4	SURF	>4000	H	ND	ND	1630	856	2486	11400
	1'	800	L						
	2'	160	ND						
	3'	80	ND	ND	ND	ND	ND	ND	72.2

SW5	SURF	80	L	ND	ND	29.7	ND	29.7	ND
	1'	80	ND						
	2'	20	ND	ND	ND	25.8	ND	25.8	ND

On May 23rd, an Extension email was sent out to the NMOCD to extend the closure date. The extension was approved by the OCD on May 24th. Due to facility work and reconstruction in the area of the flare work was delayed. The temporary flare was moved out and the stabilized flare was installed and lines were laid to the flare.

On June 23rd, an email was sent to the NMOCD for the documented notification that the composite samples would be underway within 48 hours of the email date. ESS began to obtain five-point composites, field evaluated, jarred, and submitted to Envirotech Laboratories for confirmation. Below you will find the final composite lab analysis data from the vertical and horizontal composites. (Please see full sample log, lab analysis and composite map attached.)

SP ID	Depth	Titir	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
C1	3'	40	ND	ND	ND	ND	ND	ND	43.1
C2	3'	ND	ND	ND	ND	ND	ND	ND	ND
C3	3'	ND	ND	ND	ND	ND	ND	ND	ND
C4	3'	40	ND	ND	ND	ND	ND	ND	41.5
C5	3'	20	ND	ND	ND	ND	ND	ND	35.7
SWC1		ND	ND	ND	ND	ND	ND	ND	ND
SWC2		ND	ND	ND	ND	25.7	ND	25.7	ND
SWC3		ND	ND	ND	ND	ND	ND	ND	ND
SWC4		120	ND	ND	ND	ND	ND	ND	116

A total of 120.09 cubic yards of contaminated material was hauled to Lealand and 150.5 cubic yards of clean caliche was backhauled from Lealand as well. Please see photos of the remediation and final backfill attached to this report.

Closure Request

On behalf of Tap Rock, ESS requests that this incident (NAPP2205561125), be closed for the release that occurred on the pad area on the Money Graham CTB. Tap Rock and ESS certifies that all the information provided and that is detailed in this report, is true and correct and we have followed all applicable closure requirements for the release that occurred on the Money Graham CTB.

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

Sincerely,



Director of Environmental and Regulatory Services

Energy Staffing Services, LLC.

2724 NW County Road

Hobbs, NM 88240

Office: 575-393-9048

Cell: 575-390-6397

Email: natalie@energystaffingllc.com



Attachments:

Spill Notification Email
Initial C141
Spill Calculator Form
NMOCD C141 Approval Email
Site Map
Rangeland and Vegetation Classification
FEMA Map
Soil Map
Karst Map
Watercourse Map
Groundwater Data and Groundwater Map
OSE Groundwater Map
Impact Map
Initial Site Photos
Delineation Map and GPS Points
Delineation Sample Data
Extension Request Email
OCD Email – Composite Notification
Composite Sample Data and Sample GPS
Composite Map
Lab Analysis
Remediation and Final Photos
Final C141

Natalie Gladden

From: Natalie Gladden
Sent: Thursday, February 24, 2022 4:32 PM
To: Hamlet, Robert, EMNRD; Hensley, Chad, EMNRD; ocdonline, emnrd, EMNRD; Bratcher, Mike, EMNRD
Cc: Christian Combs; 'Bill Ramsey'; dakoatah@energystaffingllc.com
Subject: Tap Rock Resources - Money Graham CTB - Release/Fire Notification

Importance: High

Tracking:	Recipient	Read
	Hamlet, Robert, EMNRD	
	Hensley, Chad, EMNRD	
	ocdonline, emnrd, EMNRD	
	Bratcher, Mike, EMNRD	
	Christian Combs	
	'Bill Ramsey'	
	dakoatah@energystaffingllc.com	
	Dakoatah Montanez	Read: 2/24/2022 4:48 PM

All,

Please find this email as the initial notification that occurred on the Money Graham CTB, the site information is below:

Site: Money Graham CTB
API No. 30-015-46220
U/L H, S32, T26S, R29E
Eddy County, New Mexico
Date of Fire/Release: 2/24/2022

Cause of the release is due to the fluid in the flare scrubber did not dump properly due to the cold weather, causing a small incipient fire on the surface of the ground. The fluid released was a spray only. An estimated 4.36bbls of crude oil was released with no recovery. They fire was put out and only minor damage to the flare occurred. The C141 and spill calculator will be uploaded immediately.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Natalie Gladden

Director of Environmental and Regulatory Services

Energy Staffing Services, LLC.

2724 NW County Road

Hobbs, NM 88240

Cell: 575-390-6397

Office: 575-393-9048

Email: natalie@energystaffingllc.com



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

Location of Release Source

Latitude **32.002090**Longitude **-104.001657***(NAD 83 in decimal degrees to 5 decimal places)*

Site Name Money Graham CTB	Site Type Production Facility
Date Release Discovered 2/24/2022	API# <i>(if applicable)</i> 30-015-46220

Unit Letter	Section	Township	Range	County
H	32	26S	29E	Eddy

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 4.36	Volume Recovered (bbls) 0
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The fluid in the flare scrubber did not dump due to the cold weather, causing a small incipient fire on surface of ground. The fluid sprayed the pad area and no fluid was recovered as it was a just a spray only.


State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Due to fire.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email to OCD Online, Mike Bratcher, Chad Hensley, Robert Hamlet	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Printed Name: <u>Natalie Gladden</u> Title: <u>Director of Environmental and Regulatory</u> Signature: <u></u> Date: <u>2/24/22</u> email: <u>natalie@energystaffingllc.com</u> Telephone: <u>575-390-6397</u>
<u>OCD Only</u> Received by: _____ Date: _____

Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15	10	10	0.083	8.3	0.22	Clay
Peat	0.40	10	10	0.083	8.3	0.59	Peat
Glacial Sediments	0.13	10	10	0.083	8.3	0.19	Glacial Sediments
Sandy Clay	0.12	10	10	0.083	8.3	0.18	Sandy Clay
Silt	0.16	10	10	0.083	8.3	0.24	Silt
Loess	0.25	10	10	0.083	8.3	0.37	Loess
Fine Sand	0.16	10	10	0.083	8.3	0.24	Fine Sand
Medium Sand	0.25	10	10	0.083	8.3	0.37	Medium Sand
Coarse Sand	0.26	10	10	0.083	8.3	0.38	Coarse Sand
Gravelly Sand	0.26	10	10	0.083	8.3	0.38	Gravelly Sand
Fine Gravel	0.26	10	10	0.083	8.3	0.38	Fine Gravel
Medium Gravel	0.20	98.15	15	0.083	122.19675	4.36	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 or whether a C-141 should be required (i.e. a release is estimated to be greater than or less than 5 barrel volumes)

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

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

Cubic Feet = L x W x D

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

Natalie Gladden

From: OCDOnline@state.nm.us
Sent: Tuesday, March 1, 2022 8:42 AM
To: Natalie Gladden
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 84147

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2205561125, with the following conditions:

- **None**

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

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

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

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

Natalie Gladden

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Friday, February 25, 2022 10:58 AM
To: Natalie Gladden; Hamlet, Robert, EMNRD; Hensley, Chad, EMNRD; ocdonline, emnrd, EMNRD
Cc: Christian Combs; 'Bill Ramsey'; Dakoatah Montanez
Subject: RE: [EXTERNAL] Tap Rock Resources - Money Graham CTB - Release/Fire Notification

Natalie,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to insure the notifications are 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: Thursday, February 24, 2022 4:32 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; ocdonline, emnrd, EMNRD <EMNRD.OCDOnline@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Christian Combs <ccombs@taprk.com>; 'Bill Ramsey' <Bramsey@taprk.com>; Dakoatah Montanez <dakoatah@energystaffingllc.com>
Subject: [EXTERNAL] Tap Rock Resources - Money Graham CTB - Release/Fire Notification
Importance: High

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

All,

Please find this email as the initial notification that occurred on the Money Graham CTB, the site information is below:

Site: Money Graham CTB
API No. 30-015-46220
U/L H, S32, T26S, R29E
Eddy County, New Mexico
Date of Fire/Release: 2/24/2022

Cause of the release is due to the fluid in the flare scrubber did not dump properly due to the cold weather, causing a small incipient fire on the surface of the ground. The fluid released was a spray only. An estimated 4.36bbls of crude oil was released with no recovery. The fire was put out and only minor damage to the flare occurred. The C141 and spill calculator will be uploaded immediately.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Natalie Gladden

Director of Environmental and Regulatory Services

Energy Staffing Services, LLC.

2724 NW County Road

Hobbs, NM 88240

Cell: 575-390-6397

Office: 575-393-9048

Email: natalie@energystaffingllc.com



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	NAPP2205561125
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude **32.002090**

Longitude **-104.001657**

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Money Graham CTB	Site Type Production Facility
Date Release Discovered 2/24/2022	API# <i>(if applicable)</i> 30-015-46220

Unit Letter	Section	Township	Range	County
H	32	26S	29E	Eddy

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 4.36	Volume Recovered (bbls) 0
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The fluid in the flare scrubber did not dump due to the cold weather, causing a small incipient fire on surface of ground. The fluid sprayed the pad area and no fluid was recovered as it was a just a spray only.


State of New Mexico
Oil Conservation Division

Incident ID	NAPP2205561125
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Due to fire.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email to OCD Online, Mike Bratcher, Chad Hensley, Robert Hamlet	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Natalie Gladden</u> Title: <u>Director of Environmental and Regulatory</u>
Signature: <u></u> Date: <u>2/24/22</u>
email: <u>natalie@energystaffingllc.com</u> Telephone: <u>575-390-6397</u>
<u>OCD Only</u> Received by: <u>Ramona Marcus</u> Date: <u>3/1/2022</u>

NAPP2205561125

Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15	10	10	0.083	8.3	0.22	Clay
Peat	0.40	10	10	0.083	8.3	0.59	Peat
Glacial Sediments	0.13	10	10	0.083	8.3	0.19	Glacial Sediments
Sandy Clay	0.12	10	10	0.083	8.3	0.18	Sandy Clay
Silt	0.16	10	10	0.083	8.3	0.24	Silt
Loess	0.25	10	10	0.083	8.3	0.37	Loess
Fine Sand	0.16	10	10	0.083	8.3	0.24	Fine Sand
Medium Sand	0.25	10	10	0.083	8.3	0.37	Medium Sand
Coarse Sand	0.26	10	10	0.083	8.3	0.38	Coarse Sand
Gravelly Sand	0.26	10	10	0.083	8.3	0.38	Gravelly Sand
Fine Gravel	0.26	10	10	0.083	8.3	0.38	Fine Gravel
Medium Gravel	0.20	98.15	15	0.083	122.19675	4.36	Medium Gravel
Coarse Gravel	0.18	10	10	0.083	8.3	0.27	Coarse Gravel
Sandstone	0.25	10	10	0.083	8.3	0.37	Sandstone
Siltstone	0.18	10	10	0.083	8.3	0.27	Siltstone
Shale	0.05	10	10	0.083	8.3	0.07	Shale
Limestone	0.13	10	10	0.083	8.3	0.19	Limestone
Basalt	0.19	10	10	0.083	8.3	0.28	Basalt
Volcanic Tuff	0.20	10	10	0.083	8.3	0.30	Volcanic Tuff
Standing Liquids	X	10	10	0.083	8.3	1.48	Standing Liquids

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

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

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

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

Cubic Feet = L x W x D

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

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 84147

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 84147
	Action Type: [C-141] Release Corrective Action (C-141)


CONDITIONS

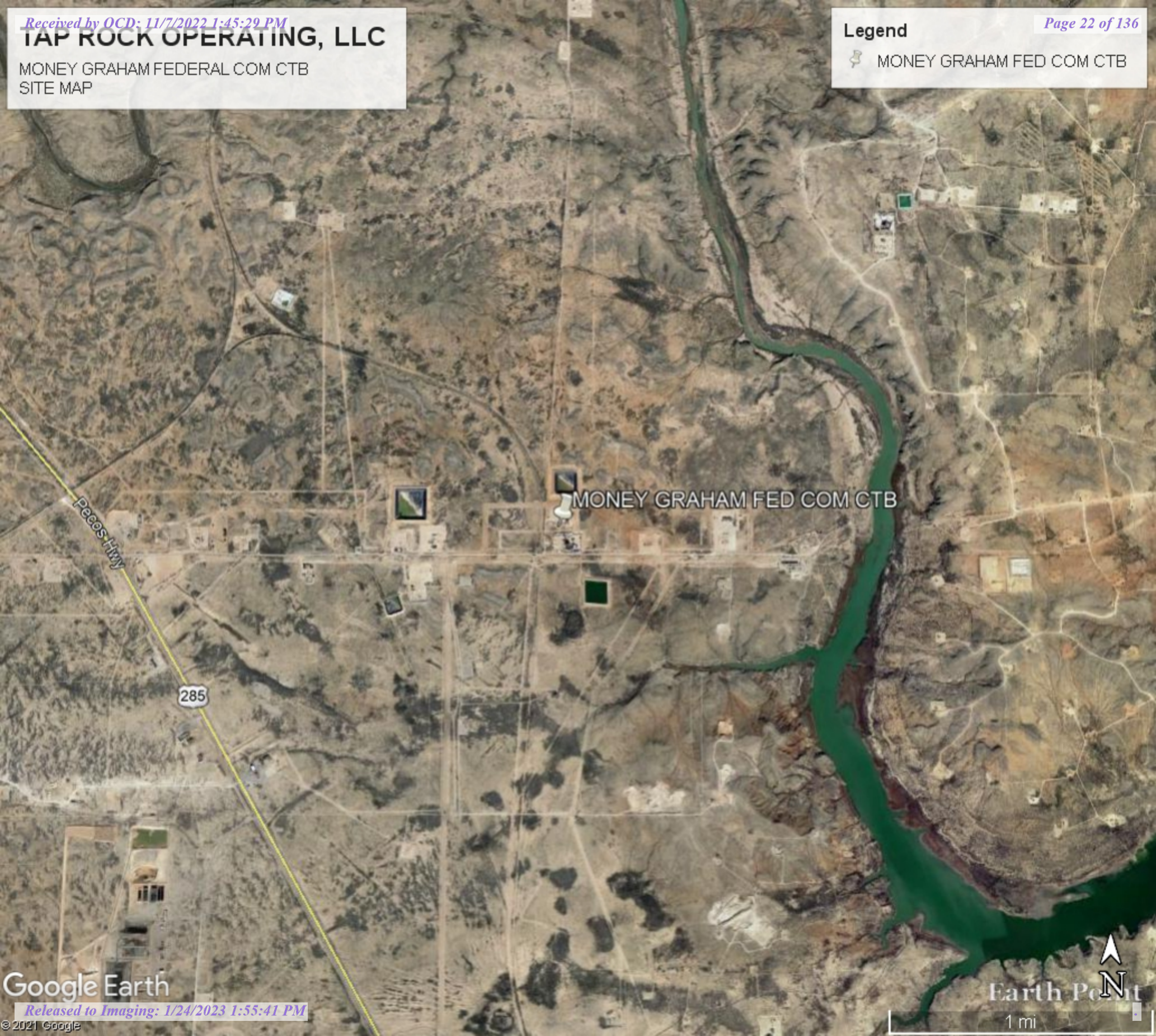
Created By	Condition	Condition Date
rmarcus	None	3/1/2022

TAP ROCK OPERATING, LLC

MONEY GRAHAM FEDERAL COM CTB
SITE MAP

Legend

 MONEY GRAHAM FED COM CTB



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—Eddy Area, 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	
RU—Russler-Ector association, 0 to 9 percent slopes								
Russler	Loamy (R070DY153NM)	1,800	—	600	Adonis blazingstar	20		
					black grama	20		
					blue grama	15		
					other shrubs	15		
					obtuse panicgrass	5		
					other perennial forbs	5		
					other perennial grasses	5		
					plains lovegrass	5		
Ector	Very Shallow (R070DY158NM)	850	550	350	sideoats grama	25		
					other shrubs	23		
					black grama	15		
					blue grama	10		
					Metcalfe's muhly	10		
					other perennial forbs	7		
					green sprangletop	5		
					other perennial grasses	5		



Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 17, Sep 12, 2021



**Natural Resources
Conservation Service**

Web Soil Survey
National Cooperative Soil Survey

12/4/2021
Page 4 of 4

National Flood Hazard Layer FIRMette



104°0'25"W 32°0'25"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/4/2022 at 5:28 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.

Released to Imaging: 1/24/2023 1:35:41 PM

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

Soil Map—Eddy Area, New Mexico
(MONEY GRAHAM CTB)



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

12/4/2021
Page 1 of 3

Soil Map—Eddy Area, New Mexico
(MONEY GRAHAM CTB)

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: Eddy Area, New Mexico

Survey Area Data: Version 17, Sep 12, 2021

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

Date(s) aerial images were photographed: Mar 20, 2020—Mar 22, 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.



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

12/4/2021
Page 2 of 3


Map Unit Legend

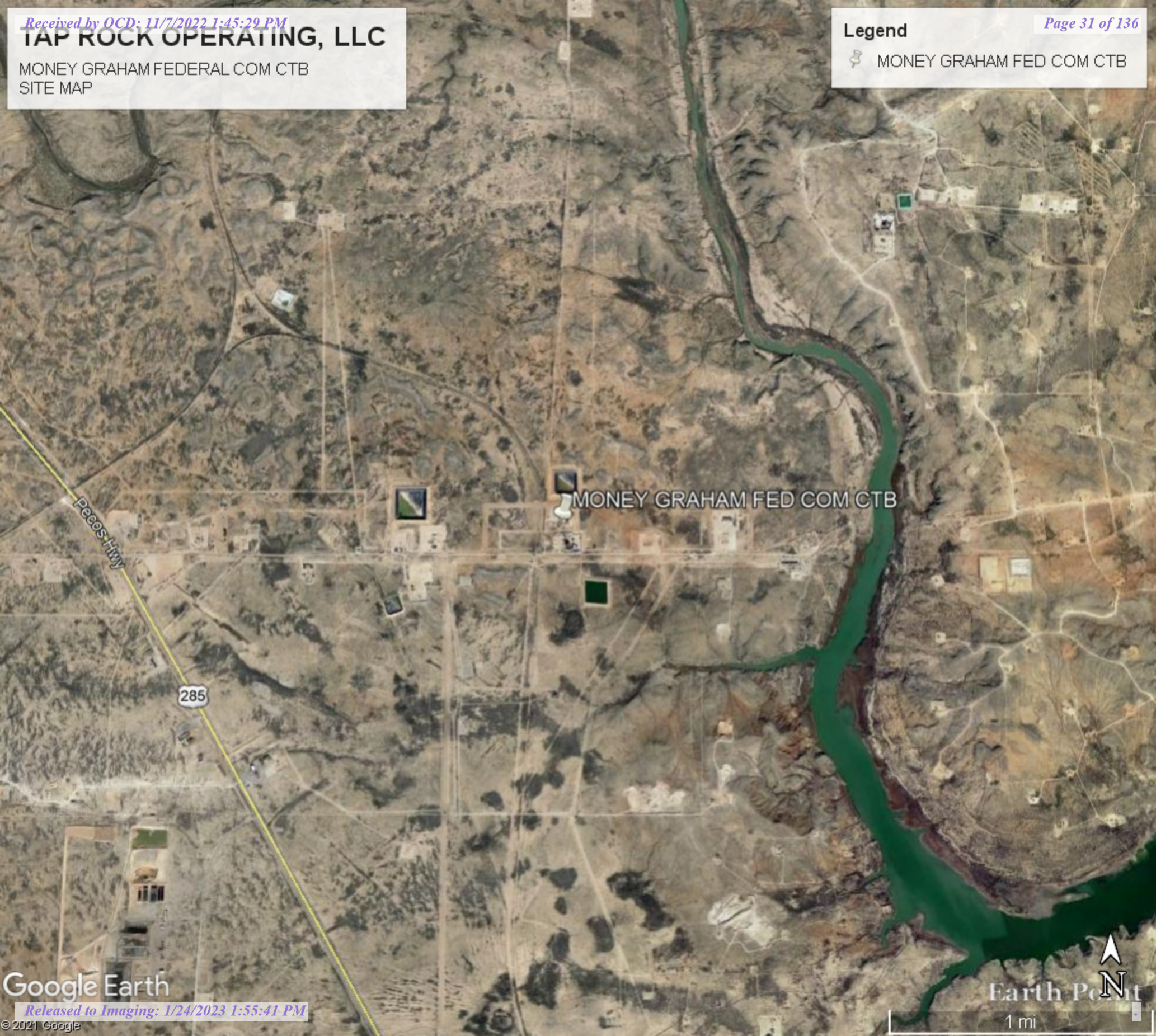
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
RU	Russler-Ector association, 0 to 9 percent slopes	24.4	100.0%
Totals for Area of Interest		24.4	100.0%

TAP ROCK OPERATING, LLC

MONEY GRAHAM FEDERAL COM CTB
SITE MAP

Legend

 MONEY GRAHAM FED COM CTB

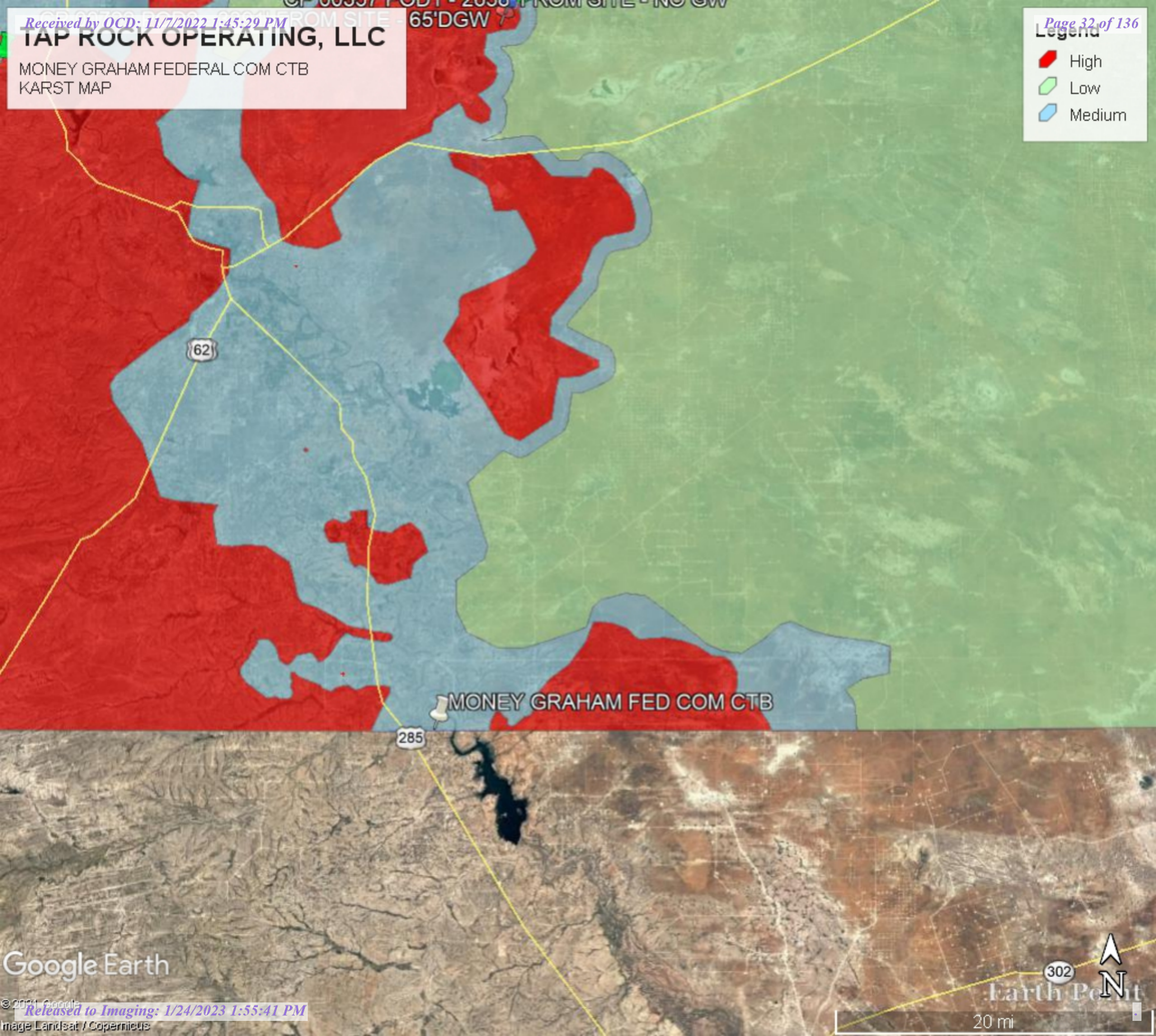


TAP ROCK OPERATING, LLC

MONEY GRAHAM FEDERAL COM CTB
KARST MAP

Legend

- High
- Low
- Medium



Google Earth



20 mi



TAP ROCK OPERATING, LLC

MONEY GRAHAM FEDERAL COM CTB
FLOWING WATERCOURSE MAP

Legend

-  8,343.19' FROM REDBLUFF CREEK
-  MONEY GRAHAM FED COM CTB



MONEY GRAHAM FED COM CTB

Catfish Rd 726

White Bass Rd

State Line Rd



New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 594298.8

Northing (Y): 3541102.76

Radius: 1000

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

12/5/21 7:58 AM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Wells with Well Log Information

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	Code	POD Subbasin	County	Source	q q q	6416 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number		
C 03605 POD1		CUB	ED		4	2	3	27	26S	29E	596990	3541983	<input type="checkbox"/>	2831	01/23/2013	01/23/2013	02/26/2013	45	0	ATKINS, JACKIE D. (LD)	1249
C 02038		C	ED	Shallow	3	2	4	26	26S	29E	599204	3541992*	<input type="checkbox"/>	4985	09/01/1982	09/05/1982	09/16/1982	200		CORKY GLENN	421

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 594298.8

Northing (Y): 3541102.76

Radius: 5000

*UTM location was derived from PLSS - see Help

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

12/5/21 7:59 AM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Wells with Well Log Information

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	Code	POD Subbasin	County	Source	q 4	q 2	q 3	q 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number	
C 03605 POD1		CUB	ED		4	2	3	27	26S	29E		596990	3541983	<input type="checkbox"/>	2831	01/23/2013	01/23/2013	02/26/2013	45	0	ATKINS, JACKIE D. (LD)	1249
C 02038		C	ED	Shallow	3	2	4	26	26S	29E		599204	3541992*	<input type="checkbox"/>	4985	09/01/1982	09/05/1982	09/16/1982	200		CORKY GLENN	421
C 04561 POD1		CUB	ED		4	3	3	24	26S	29E		599924	3543208	<input type="checkbox"/>	6006	07/28/2021	07/28/2021	08/17/2021			ATKINS, JACKIE D.UELENER	1249
C 04022 POD2		CUB	ED	Shallow	2	2	2	27	26S	28E		588106	3543082	<input type="checkbox"/>	6501	05/08/2017	05/12/2017	06/05/2017	250	145	KEITH, RONNY	1184
C 01668		CUB	ED	Shallow	3	3		12	26S	28E		589957	3546554*	<input type="checkbox"/>	6969	03/22/1976	04/02/1976	04/08/1976	250	100		224
C 02894		C	ED		2	2	3	12	26S	28E		590458	3547061*	<input type="checkbox"/>	7088	03/20/2002	03/24/2002	04/04/2002	240			1348
C 03507 POD1		C	ED	Shallow	1	3	3	05	26S	29E		593064	3548313	<input type="checkbox"/>	7315	08/26/2011	08/26/2011	09/12/2011	140	78	KEY, CLINTON	1058
C 03508 POD1		C	ED	Shallow	1	3	3	05	26S	29E		593063	3548361	<input type="checkbox"/>	7362	08/24/2011	08/24/2011	09/12/2011	140	75	KEY, CLINTON	1058
C 04022 POD1		CUB	ED	Shallow	4	4	2	15	26S	28E		588082	3545647	<input type="checkbox"/>	7700	05/01/2017	05/05/2017	06/05/2017	220	175	KEITH, RONNY	1184
C 02924		C	ED		1	3	2	11	26S	28E		589032	3547451*	<input type="checkbox"/>	8248	08/31/2002	10/04/2002	11/04/2002				1227
C 04473 POD1		CUB	ED		3	4	3	33	25S	29E		595018	3549768	<input type="checkbox"/>	8695	10/12/2020	10/12/2020	10/29/2020	110		JACKIE D ATKINS	1249
C 02160 S-9		CUB	ED	Shallow	3	3	2	02	26S	28E		589020	3548868*	<input type="checkbox"/>	9389			12/19/2002			BEHUNIN,KEITH	1227

Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 594298.8

Northing (Y): 3541102.76

Radius: 10000

*UTM location was derived from PLSS - see Help

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


12/5/21 8:00 AM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)							
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	03605 POD1	4	2	3	27	26S	29E	596990	3541983 

Driller License:	1249	Driller Company:	ATKINS ENGINEERING ASSOC. INC.		
Driller Name:	ATKINS, JACKIE D. (LD)				
Drill Start Date:	01/23/2013	Drill Finish Date:	01/23/2013	Plug Date:	01/28/2013
Log File Date:	02/26/2013	PCW Rcv Date:		Source:	
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:		Depth Well:	45 feet	Depth Water:	0 feet

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

12/5/21 8:11 AM

Page 1 of 1

POD SUMMARY - C 03605 POD1



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	02038	3	2	4	26	26S	29E	599204	3541992*

Driller License: 421	Driller Company: GLENN'S WATER WELL SERVICE
Driller Name: CORKY GLENN	
Drill Start Date: 09/01/1982	Drill Finish Date: 09/05/1982
Log File Date: 09/16/1982	PCW Rcv Date:
Pump Type:	Pipe Discharge Size:
Casing Size: 6.63	Depth Well: 200 feet
	Plug Date:
	Source: Shallow
	Estimated Yield:
	Depth Water:

Casing Perforations:	Top	Bottom
	100	140

*UTM location was derived from PLSS - see Help

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

12/5/21 8:12 AM

Page 1 of 1


POD SUMMARY - C 02038



New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04561 POD1	4	3	3	24	26S	29E	599924	3543208 

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

Driller Name: ATKINS, JACKIE D.UELENER

Drill Start Date: 07/28/2021 **Drill Finish Date:** 07/28/2021 **Plug Date:** 08/12/2021

Log File Date: 08/17/2021 **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** **Depth Water:**

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

12/5/21 8:12 AM

Page 1 of 1

POD SUMMARY - C 04561 POD1



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	04022 POD2	2	2	2	27	26S	28E	588106	3543082

Driller License: 1184	Driller Company: WEST TEXAS WATER WELL SERVICE
Driller Name: KEITH, RONNY	
Drill Start Date: 05/08/2017	Drill Finish Date: 05/12/2017
Log File Date: 06/05/2017	PCW Rcv Date:
Pump Type:	Pipe Discharge Size:
Casing Size: 12.25	Depth Well: 250 feet
	Plug Date:
	Source: Shallow
	Estimated Yield: 60 GPM
	Depth Water: 145 feet






Water Bearing Stratifications:	Top	Bottom	Description
	150	160	Sandstone/Gravel/Conglomerate
	160	180	Sandstone/Gravel/Conglomerate
	180	190	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	130	250

TAP ROCK RESOURCES

MONEY GRAHAM CTB
GROUND WATER MAP

Legend

-  C02038 - 4985' FROM SITE - NO GW DATA
-  C03605 POD1 - 2831' FROM SITE - NO GW DATA
-  C04022 POD2 - 6501' FROM SITE - 145' DGW
-  C04561 POD1 - 6006' FROM SITE - NO GW DATA
-  MONEY GRAHAM CTB

C04022 POD2 - 6501' FROM SITE - 145' DGW

C04561 POD1 - 6006' FROM SITE - NO GW DATA

C03605 POD1 - 2831' FROM SITE - NO GW DATA

C02038 - 4985' FROM SITE - NO GW DATA

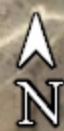
MONEY GRAHAM CTB

726

NEW MEXICO

R360 - Red Bluff

453

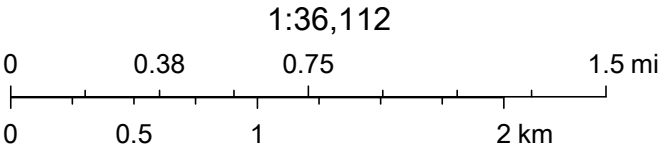


OSE POD Location Map



12/5/2021, 8:18:59 AM

- OSE District Boundary
- Surface Estate
- SiteBoundaries
- New Mexico State Trust Lands
- Both Estates
- Subsurface Estate




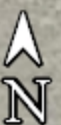
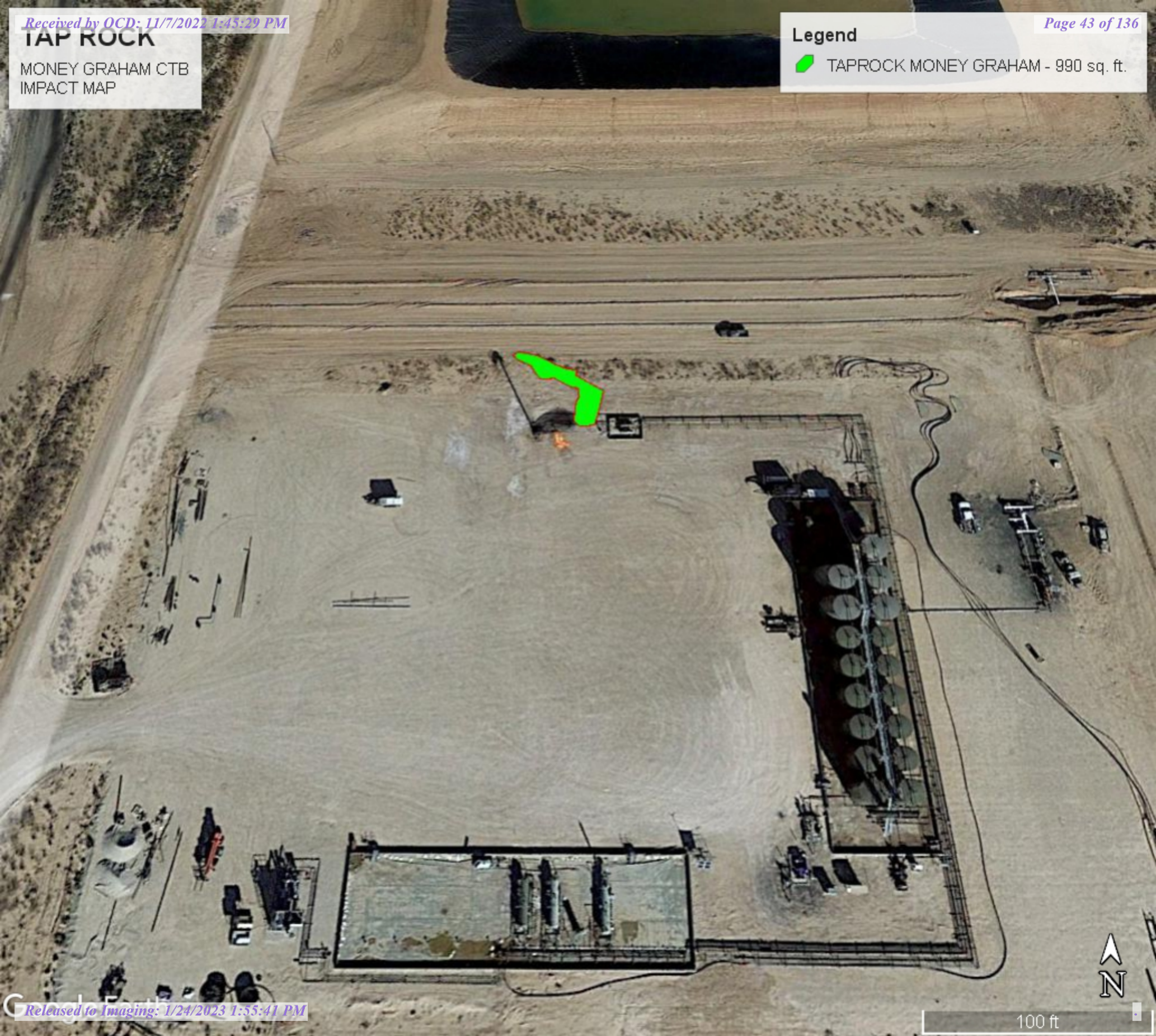
Esri, HERE, Garmin, Esri, HERE, U.S. Department of Energy Office of Legacy Management, Maxar

TAP ROCK

MONEY GRAHAM CTB
IMPACT MAP

Legend

 TAPROCK MONEY GRAHAM - 990 sq. ft.



100 ft

INITIAL SITE PHOTOS


















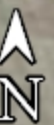
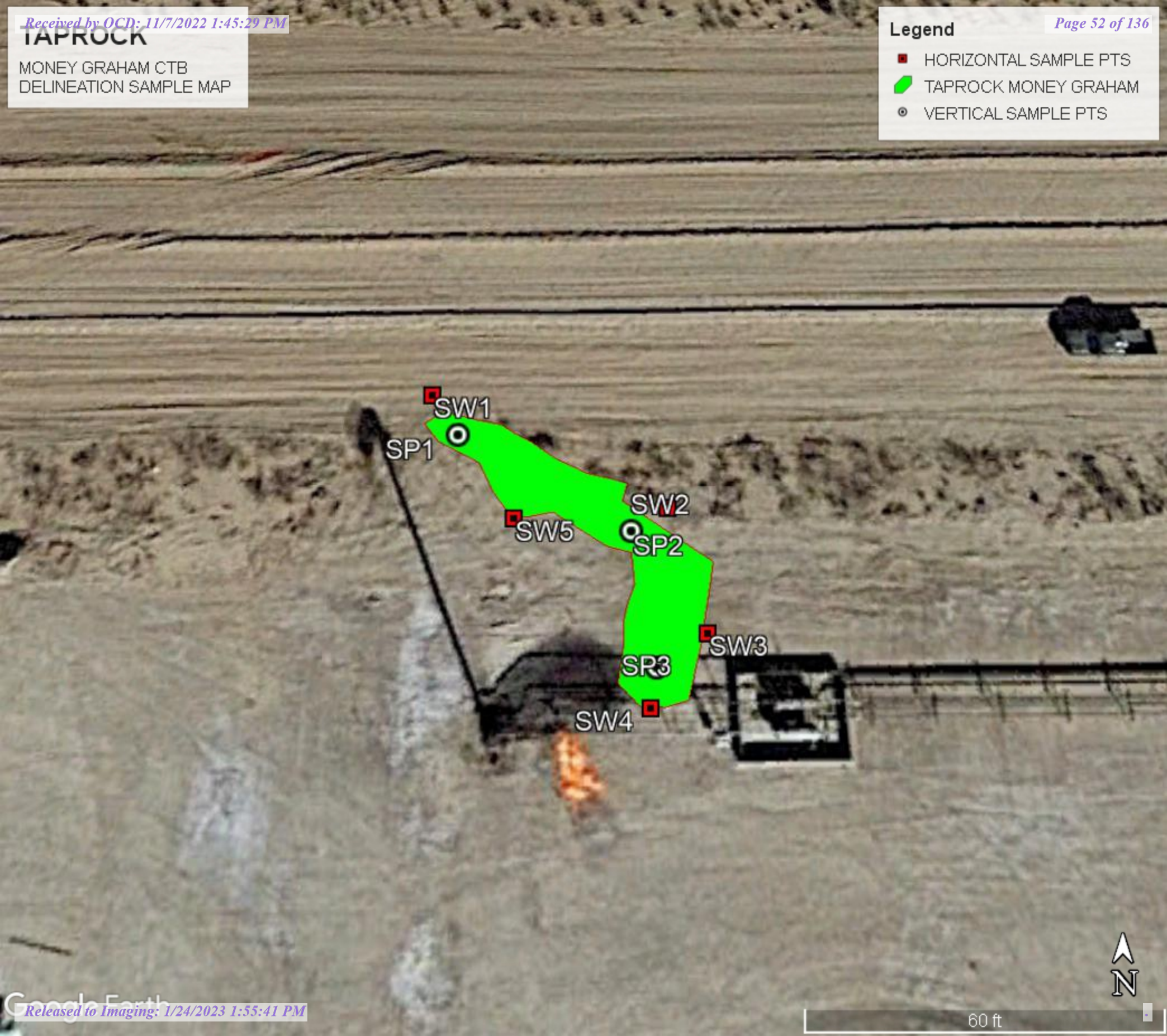


TAPROCK

MONEY GRAHAM CTB
DELINEATION SAMPLE MAP

Legend

-  HORIZONTAL SAMPLE PTS
-  TAPROCK MONEY GRAHAM
-  VERTICAL SAMPLE PTS



Company Name: TAP ROCK Location Name: MONEY GRAHAM CTB Release Date: 2/24/2022

DELINEATION SAMPLE DATA

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes/GPS
SP1	SURF	180	H	0.209	ND	1550	1250	2800	153		32.002857 -104.001655
	1'	180	H								
	2'	160	H								
	3'	100	ND								
	4'	40	ND	ND	ND	ND	ND	ND	ND		
SP2	SURF	40	H	0.618	ND	10100	3330	13430	ND		32.002800 -104.001543
	1'	680	H								
	2'	640	H								
	3'	480	ND								
	4'	20	ND	ND	ND	ND	ND	ND	ND		
SP3	SURF	>4000	H	ND	ND	7280	2360	9640	14400		32.002726 -104.001529
	1'	1640	H								
	2'	1200	H								
	3'	480	ND								
	4'	80	ND	ND	ND	ND	ND	ND	ND		
SW1	SURF	>4000	H	ND	ND	1060	395	1455	9240		32.002885 -104.001674
	1'	>4000	H								
	2'	>4000	H								
	3'	>4000	H								
	4'	2200	L								
	5'	560	ND								
	6'	160	ND	ND	ND	ND	ND	ND	176		
SW2	SURF	>4000	H	ND	ND	992	253	1245	5130		32.002814 -104.001520
	1'	800	H								
	2'	1200	H								
	3'	640	L								
	4'	480	ND								

[illegible]

Natalie Gladden

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Tuesday, May 24, 2022 11:42 AM
To: Natalie Gladden
Cc: 'Bill Ramsey'; Christian Combs; Dakoatah Montanez; Bratcher, Mike, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD
Subject: (Extension Approval) TAP ROCK - MONEY GRAHAM CTB - NAPP2205561125

RE: Incident #NAPP2205561125

Natalie,

A 30 day extension to **June 25th, 2022** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

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



From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Monday, May 23, 2022 10:03 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; ocdonline, emnrd, EMNRD <EMNRD.OCDOnline@state.nm.us>
Cc: 'Bill Ramsey' <bramsey@taprk.com>; Christian Combs <ccombs@taprk.com>; Dakoatah Montanez <dakoatah@energystaffingllc.com>
Subject: [EXTERNAL] TAP ROCK - MONEY GRAHAM CTB - REMEDIATION EXTENSION
Importance: High

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

All,

Please use this email as a request to extend the deadline for the initial release notification. Crews have delineated the site; remediation will begin in the next upcoming week.

Spill Information:

Money Graham CTB
API # 30-015-46220
Legals: U/L H, S32, T26S, R29E
Incident No. NAPP2205561125
Release Date: 02/24/22

Thank you for your time and consideration in this matter.

Natalie Gladden

Director of Environmental and Regulatory Services

Energy Staffing Services, LLC.

2724 NW County Road

Hobbs, NM 88240

Cell: 575-390-6397

Office: 575-393-9048

Email: natalie@energystaffingllc.com



Natalie Gladden

From: Natalie Gladden
Sent: Thursday, June 23, 2022 4:14 PM
To: Hamlet, Robert, EMNRD
Cc: 'Bill Ramsey'; Christian Combs; Dakoatah Montanez; Bratcher, Mike, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD
Subject: RE: (Extension Approval) TAP ROCK - MONEY GRAHAM CTB - NAPP2205561125 - Composite Sample Notification

Importance: High

Tracking:	Recipient	Read
	Hamlet, Robert, EMNRD	
	'Bill Ramsey'	
	Christian Combs	
	Dakoatah Montanez	Read: 6/23/2022 5:24 PM
	Bratcher, Mike, EMNRD	
	Nobui, Jennifer, EMNRD	
	Harimon, Jocelyn, EMNRD	

All,

ESS is just a few days away from finishing this project. We had the below extension to June 25th. We will be taking composites Friday or Monday, please use this as our notification of composite sampling as well.

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

Sincerely

Natalie Gladden
Director of Environmental and Regulatory Services
Energy Staffing Services, LLC.
2724 NW County Road
Hobbs, NM 88240
Cell: 575-390-6397

Office: 575-393-9048

Email: natalie@energystaffingllc.com



From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>

Sent: Tuesday, May 24, 2022 11:42 AM

To: Natalie Gladden <natalie@energystaffingllc.com>

Cc: 'Bill Ramsey' <bramsey@taprk.com>; Christian Combs <ccombs@taprk.com>; Dakoatah Montanez <dakoatah@energystaffingllc.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>

Subject: (Extension Approval) TAP ROCK - MONEY GRAHAM CTB - NAPP2205561125

RE: Incident #**NAPP2205561125**

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Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
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Cc: 'Bill Ramsey' <bramsey@taprk.com>; Christian Combs <ccombs@taprk.com>; Dakoatah Montanez <dakoatah@energystaffingllc.com>
Subject: [EXTERNAL] TAP ROCK - MONEY GRAHAM CTB - REMEDIATION EXTENSION
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Spill Information:

Money Graham CTB
API # 30-015-46220
Legals: U/L H, S32, T26S, R29E
Incident No. NAPP2205561125
Release Date: 02/24/22

Thank you for your time and consideration in this matter.

Natalie Gladden

Director of Environmental and Regulatory Services

Energy Staffing Services, LLC.

2724 NW County Road

Hobbs, NM 88240

Cell: 575-390-6397

Office: 575-393-9048

Email: natalie@energystaffingllc.com



Company Name: TAPROCK

Location Name: MONEY GRAHAM CTB

Release Date: 2/24/2022

COMPOSITE SAMPLE DATA

[illegible]

TAPROCK

MONEY GRAHAM CTB
COMPOSITE MAP

Legend

-  C1
-  C2
-  C3
-  C4
-  C5

-  HORIZONTAL COMPOSITE SAMPLE PTS
-  VERTICAL COMPOSITE SAMPLE PTS

COMPOSITE GPS:

C1: 32.002853 -104.001640

C2: 32.002824 -104.001595

C3: 32.002803 -104.001548

C4: 32.002772 -104.001517

C5: 32.002730 -104.001525

SWC1: 32.002877 -104.001684

SWC2: 32.002813 -104.001533

SWC3: 32.002706 -104.001534

SWC4: 32.002791 -104.001561



Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Money Graham CTB

Work Order: E203071

Job Number: 20046-0001

Received: 3/11/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/14/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/14/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Money Graham CTB
Workorder: E203071
Date Received: 3/11/2022 7:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/11/2022 7:30:00AM, under the Project Name: Money Graham CTB.

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

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

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

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

Respectfully,

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

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/14/22 17:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1 - 6'	E203071-01A	Soil	03/10/22	03/11/22	Glass Jar, 4 oz.
SW2 - 5'	E203071-02A	Soil	03/10/22	03/11/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Money Graham CTB Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/14/2022 5:15:27PM
---	--	---

SW1 - 6'

E203071-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2211078	
Benzene	ND	0.0250	1	03/11/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/11/22	
Toluene	ND	0.0250	1	03/11/22	03/11/22	
o-Xylene	ND	0.0250	1	03/11/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.5 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2211078	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.4 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2211076	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/11/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/22	03/12/22	
<i>Surrogate: n-Nonane</i>	110 %	50-200		03/11/22	03/12/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2211072	
Chloride	176	20.0	1	03/11/22	03/11/22	



Sample Data

Tap Rock	Project Name:	Money Graham CTB	Reported: 3/14/2022 5:15:27PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW2 - 5'

E203071-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2211078	
Benzene	ND	0.0250	1	03/11/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/11/22	
Toluene	ND	0.0250	1	03/11/22	03/11/22	
o-Xylene	ND	0.0250	1	03/11/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.7 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2211078	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.3 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2211076	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/11/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/22	03/12/22	
<i>Surrogate: n-Nonane</i>	115 %	50-200		03/11/22	03/12/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2211072	
Chloride	177	20.0	1	03/11/22	03/11/22	



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:15:27PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2211078-BLK1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.2	70-130			

LCS (2211078-BS1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	4.27	0.0250	5.00		85.3	70-130			
Ethylbenzene	4.40	0.0250	5.00		87.9	70-130			
Toluene	4.51	0.0250	5.00		90.2	70-130			
o-Xylene	4.52	0.0250	5.00		90.3	70-130			
p,m-Xylene	8.91	0.0500	10.0		89.1	70-130			
Total Xylenes	13.4	0.0250	15.0		89.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	70-130			

LCS Dup (2211078-BS1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	4.27	0.0250	5.00		85.4	70-130	0.0820	20	
Ethylbenzene	4.41	0.0250	5.00		88.3	70-130	0.367	20	
Toluene	4.53	0.0250	5.00		90.5	70-130	0.295	20	
o-Xylene	4.53	0.0250	5.00		90.6	70-130	0.315	20	
p,m-Xylene	8.94	0.0500	10.0		89.4	70-130	0.352	20	
Total Xylenes	13.5	0.0250	15.0		89.8	70-130	0.339	20	
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:15:27PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211078-BLK1)

Prepared: 03/10/22 Analyzed: 03/11/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.7	70-130			

LCS (2211078-BS2)

Prepared: 03/10/22 Analyzed: 03/11/22

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0		93.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		8.00		99.6	70-130			

LCS Dup (2211078-BSD2)

Prepared: 03/10/22 Analyzed: 03/11/22

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.6	70-130	1.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.09		8.00		101	70-130			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:15:27PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211076-BLK1)

Prepared: 03/10/22 Analyzed: 03/11/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	51.3		50.0		103	50-200			

LCS (2211076-BS1)

Prepared: 03/10/22 Analyzed: 03/11/22

Diesel Range Organics (C10-C28)	486	25.0	500		97.2	38-132			
Surrogate: <i>n</i> -Nonane	49.0		50.0		98.0	50-200			

LCS Dup (2211076-BSD1)

Prepared: 03/10/22 Analyzed: 03/11/22

Diesel Range Organics (C10-C28)	482	25.0	500		96.4	38-132	0.808	20	
Surrogate: <i>n</i> -Nonane	49.5		50.0		99.0	50-200			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:15:27PM

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 (2211072-BLK1)					Prepared: 03/10/22 Analyzed: 03/11/22				
Chloride	ND	20.0							
LCS (2211072-BS1)					Prepared: 03/10/22 Analyzed: 03/11/22				
Chloride	252	20.0	250		101	90-110			
LCS Dup (2211072-BSD1)					Prepared: 03/10/22 Analyzed: 03/11/22				
Chloride	251	20.0	250		100	90-110	0.335	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:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/14/22 17:15

- 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.



Envirotech Analytical Laboratory

Printed: 3/11/2022 9:43:09AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	03/11/22 07:30	Work Order ID:	E203071
Phone:	(575) 390-6397	Date Logged In:	03/10/22 16:30	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	03/14/22 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Carrier: CarrierComments/Resolution

Sampled time not provided on coc.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Money Graham CTB

Work Order: E203076

Job Number: 20046-0001

Received: 3/11/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/14/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/14/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Money Graham CTB
Workorder: E203076
Date Received: 3/11/2022 7:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/11/2022 7:30:00AM, under the Project Name: Money Graham CTB.

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

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

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

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

Respectfully,

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

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/14/22 17:14

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 - Surface	E203076-01A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.
SP2 - Surface	E203076-02A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.
SP3 - Surface	E203076-03A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.
SW1 - Surface	E203076-04A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.
SW2 - Surface	E203076-05A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.
SW3 - Surface	E203076-06A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.
SW4 - Surface	E203076-07A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.
SW5 - Surface	E203076-08A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.
SW3 - 2'	E203076-09A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.
SW4 - 3'	E203076-10A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.
SW5 - 2'	E203076-11A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Money Graham CTB Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/14/2022 5:14:02PM
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SP1 - Surface

E203076-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Benzene	ND	0.0250	1	03/11/22	03/11/22	
Ethylbenzene	0.0310	0.0250	1	03/11/22	03/11/22	
Toluene	ND	0.0250	1	03/11/22	03/11/22	
o-Xylene	0.0595	0.0250	1	03/11/22	03/11/22	
p,m-Xylene	0.149	0.0500	1	03/11/22	03/11/22	
Total Xylenes	0.209	0.0250	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211076
Diesel Range Organics (C10-C28)	1550	25.0	1	03/11/22	03/11/22	
Oil Range Organics (C28-C36)	1250	50.0	1	03/11/22	03/11/22	
Surrogate: n-Nonane	114 %	50-200		03/11/22	03/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211073
Chloride	153	20.0	1	03/11/22	03/11/22	



Sample Data

Tap Rock	Project Name:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:14:02PM

SP2 - Surface

E203076-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Benzene	ND	0.0250	1	03/11/22	03/11/22	
Ethylbenzene	0.0345	0.0250	1	03/11/22	03/11/22	
Toluene	0.102	0.0250	1	03/11/22	03/11/22	
o-Xylene	0.129	0.0250	1	03/11/22	03/11/22	
p,m-Xylene	0.489	0.0500	1	03/11/22	03/11/22	
Total Xylenes	0.618	0.0250	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211076
Diesel Range Organics (C10-C28)	10100	250	10	03/11/22	03/14/22	
Oil Range Organics (C28-C36)	3330	500	10	03/11/22	03/14/22	
Surrogate: n-Nonane	113 %	50-200		03/11/22	03/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211073
Chloride	ND	20.0	1	03/11/22	03/11/22	



Sample Data

Tap Rock	Project Name:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:14:02PM

SP3 - Surface

E203076-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Benzene	ND	0.0250	1	03/11/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/11/22	
Toluene	ND	0.0250	1	03/11/22	03/11/22	
o-Xylene	ND	0.0250	1	03/11/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	103 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	103 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211076
Diesel Range Organics (C10-C28)	7280	125	5	03/11/22	03/14/22	
Oil Range Organics (C28-C36)	2360	250	5	03/11/22	03/14/22	
Surrogate: n-Nonane	111 %	50-200		03/11/22	03/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211073
Chloride	14400	400	20	03/11/22	03/11/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
3/14/2022 5:14:02PM

SW1 - Surface

E203076-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Benzene	ND	0.0250	1	03/11/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/11/22	
Toluene	ND	0.0250	1	03/11/22	03/11/22	
o-Xylene	ND	0.0250	1	03/11/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	102 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	102 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211076
Diesel Range Organics (C10-C28)	1060	25.0	1	03/11/22	03/14/22	
Oil Range Organics (C28-C36)	395	50.0	1	03/11/22	03/14/22	
Surrogate: n-Nonane	101 %	50-200		03/11/22	03/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211073
Chloride	9240	400	20	03/11/22	03/11/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
3/14/2022 5:14:02PM

SW2 - Surface

E203076-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Benzene	ND	0.0250	1	03/11/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/11/22	
Toluene	ND	0.0250	1	03/11/22	03/11/22	
o-Xylene	ND	0.0250	1	03/11/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211076
Diesel Range Organics (C10-C28)	992	25.0	1	03/11/22	03/14/22	
Oil Range Organics (C28-C36)	253	50.0	1	03/11/22	03/14/22	
Surrogate: n-Nonane	107 %	50-200		03/11/22	03/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211073
Chloride	5130	40.0	2	03/11/22	03/11/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
3/14/2022 5:14:02PM

SW3 - Surface

E203076-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Benzene	ND	0.0250	1	03/11/22	03/11/22	
Ethylbenzene	0.0670	0.0250	1	03/11/22	03/11/22	
Toluene	ND	0.0250	1	03/11/22	03/11/22	
o-Xylene	0.121	0.0250	1	03/11/22	03/11/22	
p,m-Xylene	0.335	0.0500	1	03/11/22	03/11/22	
Total Xylenes	0.456	0.0250	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	105 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	105 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211076
Diesel Range Organics (C10-C28)	394	25.0	1	03/11/22	03/11/22	
Oil Range Organics (C28-C36)	268	50.0	1	03/11/22	03/11/22	
Surrogate: n-Nonane	108 %	50-200		03/11/22	03/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211073
Chloride	90.9	20.0	1	03/11/22	03/11/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
3/14/2022 5:14:02PM

SW4 - Surface

E203076-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Benzene	ND	0.0250	1	03/11/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/11/22	
Toluene	ND	0.0250	1	03/11/22	03/11/22	
o-Xylene	ND	0.0250	1	03/11/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	92.8 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	100 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	92.8 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	100 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211076
Diesel Range Organics (C10-C28)	1630	25.0	1	03/11/22	03/11/22	
Oil Range Organics (C28-C36)	856	50.0	1	03/11/22	03/11/22	
Surrogate: n-Nonane	109 %	50-200		03/11/22	03/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211073
Chloride	11400	400	20	03/11/22	03/11/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
3/14/2022 5:14:02PM

SW5 - Surface

E203076-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Benzene	ND	0.0500	2	03/11/22	03/11/22	
Ethylbenzene	ND	0.0500	2	03/11/22	03/11/22	
Toluene	ND	0.0500	2	03/11/22	03/11/22	
o-Xylene	ND	0.0500	2	03/11/22	03/11/22	
p,m-Xylene	ND	0.100	2	03/11/22	03/11/22	
Total Xylenes	ND	0.0500	2	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene		103 %	70-130	03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	03/11/22	03/11/22	
Surrogate: Toluene-d8		102 %	70-130	03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Gasoline Range Organics (C6-C10)	ND	40.0	2	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene		103 %	70-130	03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	03/11/22	03/11/22	
Surrogate: Toluene-d8		102 %	70-130	03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211076
Diesel Range Organics (C10-C28)	29.7	25.0	1	03/11/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/22	03/12/22	
Surrogate: n-Nonane		111 %	50-200	03/11/22	03/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211073
Chloride	ND	20.0	1	03/11/22	03/11/22	



Sample Data

Tap Rock	Project Name:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:14:02PM

SW3 - 2'

E203076-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Benzene	ND	0.0250	1	03/11/22	03/11/22	
Ethylbenzene	0.0710	0.0250	1	03/11/22	03/11/22	
Toluene	ND	0.0250	1	03/11/22	03/11/22	
o-Xylene	0.145	0.0250	1	03/11/22	03/11/22	
p,m-Xylene	0.358	0.0500	1	03/11/22	03/11/22	
Total Xylenes	0.502	0.0250	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene		101 %	70-130	03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/11/22	03/11/22	
Surrogate: Toluene-d8		105 %	70-130	03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene		101 %	70-130	03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/11/22	03/11/22	
Surrogate: Toluene-d8		105 %	70-130	03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211076
Diesel Range Organics (C10-C28)	365	25.0	1	03/11/22	03/12/22	
Oil Range Organics (C28-C36)	225	50.0	1	03/11/22	03/12/22	
Surrogate: n-Nonane		111 %	50-200	03/11/22	03/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211073
Chloride	106	20.0	1	03/11/22	03/11/22	



Sample Data

Tap Rock	Project Name:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:14:02PM

SW4 - 3'

E203076-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Benzene	ND	0.0250	1	03/11/22	03/11/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/11/22	
Toluene	ND	0.0250	1	03/11/22	03/11/22	
o-Xylene	ND	0.0250	1	03/11/22	03/11/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/11/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	102 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	102 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211076
Diesel Range Organics (C10-C28)	ND	25.0	1	03/11/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/22	03/12/22	
Surrogate: n-Nonane	113 %	50-200		03/11/22	03/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211073
Chloride	72.2	20.0	1	03/11/22	03/11/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
3/14/2022 5:14:02PM

SW5 - 2'

E203076-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Benzene	ND	0.0500	2	03/11/22	03/11/22	
Ethylbenzene	ND	0.0500	2	03/11/22	03/11/22	
Toluene	ND	0.0500	2	03/11/22	03/11/22	
o-Xylene	ND	0.0500	2	03/11/22	03/11/22	
p,m-Xylene	ND	0.100	2	03/11/22	03/11/22	
Total Xylenes	ND	0.0500	2	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211079
Gasoline Range Organics (C6-C10)	ND	40.0	2	03/11/22	03/11/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		03/11/22	03/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		03/11/22	03/11/22	
Surrogate: Toluene-d8	101 %	70-130		03/11/22	03/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211076
Diesel Range Organics (C10-C28)	25.8	25.0	1	03/11/22	03/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/22	03/12/22	
Surrogate: n-Nonane	116 %	50-200		03/11/22	03/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211073
Chloride	ND	20.0	1	03/11/22	03/11/22	



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:14:02PM

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 (2211079-BLK1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS (2211079-BS1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	2.46	0.0250	2.50		98.3	70-130			
Ethylbenzene	2.73	0.0250	2.50		109	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.65	0.0250	2.50		106	70-130			
p,m-Xylene	5.39	0.0500	5.00		108	70-130			
Total Xylenes	8.05	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

LCS Dup (2211079-BSD1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	2.43	0.0250	2.50		97.3	70-130	0.981	23	
Ethylbenzene	2.85	0.0250	2.50		114	70-130	4.35	27	
Toluene	2.79	0.0250	2.50		112	70-130	4.41	24	
o-Xylene	2.78	0.0250	2.50		111	70-130	4.55	27	
p,m-Xylene	5.60	0.0500	5.00		112	70-130	3.72	27	
Total Xylenes	8.37	0.0250	7.50		112	70-130	3.99	27	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.455		0.500		91.0	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:14:02PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211079-BLK1)

Prepared: 03/10/22 Analyzed: 03/11/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS (2211079-BS2)

Prepared: 03/10/22 Analyzed: 03/11/22

Gasoline Range Organics (C6-C10)	58.8	20.0	50.0		118	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS Dup (2211079-BSD2)

Prepared: 03/10/22 Analyzed: 03/11/22

Gasoline Range Organics (C6-C10)	54.4	20.0	50.0		109	70-130	7.81	20	
Surrogate: Bromofluorobenzene	0.472		0.500		94.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.1	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:14:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211076-BLK1)

Prepared: 03/10/22 Analyzed: 03/11/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	51.3		50.0		103	50-200			

LCS (2211076-BS1)

Prepared: 03/10/22 Analyzed: 03/11/22

Diesel Range Organics (C10-C28)	486	25.0	500		97.2	38-132			
Surrogate: <i>n</i> -Nonane	49.0		50.0		98.0	50-200			

LCS Dup (2211076-BSD1)

Prepared: 03/10/22 Analyzed: 03/11/22

Diesel Range Organics (C10-C28)	482	25.0	500		96.4	38-132	0.808	20	
Surrogate: <i>n</i> -Nonane	49.5		50.0		99.0	50-200			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/14/2022 5:14:02PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211073-BLK1)

Prepared: 03/10/22 Analyzed: 03/11/22

Chloride	ND	20.0							
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LCS (2211073-BS1)

Prepared: 03/10/22 Analyzed: 03/11/22

Chloride	247	20.0	250		98.6	90-110			
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LCS Dup (2211073-BSD1)

Prepared: 03/10/22 Analyzed: 03/11/22

Chloride	248	20.0	250		99.2	90-110	0.587	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/14/22 17:14

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

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

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



Released to Imaging: 1/24/2023 1:55:41 PM

Project Information

Chain of Custody

Client: Tap Rock
Project: Moresi Graham CTB
Project Manager: C. Combs
Address: _____
City, State, Zip: _____
Phone: _____
Email: _____
Report due by: _____

Bill To
Attention: ESS
Address: 2724 NW County Rd
City, State, Zip: 44005, NM
Phone: 393-9038
Email: natalie@energy
stallingsllc.com

Lab Use Only				TAT			EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA	
<u>E203076</u>	<u>20046-0001</u>	<input checked="" type="checkbox"/>						
Analysis and Method								
DRO/RO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/RO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
	<u>3/10/22</u>	<u>soil</u>	<u>1</u>	<u>SP1 - Surface</u>	<u>1</u>							<input checked="" type="checkbox"/>		
				<u>SP2 - Surface</u>	<u>2</u>									
				<u>SP3 - Surface</u>	<u>3</u>									
				<u>SW1 - Surface</u>	<u>4</u>									
				<u>SW2 - Surface</u>	<u>5</u>									
				<u>SW3 - Surface</u>	<u>6</u>									
				<u>SW4 - Surface</u>	<u>7</u>									
				<u>SW5 - Surface</u>	<u>8</u>									
				<u>SW3 - 2'</u>	<u>9</u>									
				<u>SW4 - 3'</u>	<u>10</u>									

Additional Instructions:

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

Sampled by: Jon Kimble

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)			Received by: (Signature)		
<u>[Signature]</u>	Date: <u>3/10/22</u>	Time: <u>1540</u>	<u>[Signature]</u>	Date: <u>3.10.22</u>	Time: <u>1540</u>
<u>[Signature]</u>	Date: <u>3.10.22</u>	Time: <u>1900</u>	<u>[Signature]</u>	Date: <u>3/11/22</u>	Time: <u>7:30</u>
<u>[Signature]</u>	Date: _____	Time: _____	<u>[Signature]</u>	Date: _____	Time: _____

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Received by OCD: 11/7/2022 1:45:29 PM

[illegible]

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: J. Kimble

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) <i>[Signature]</i>	Date 3/4/22	Time 1540	Received by: (Signature) <i>[Signature]</i>	Date 3/10/22	Time 1540	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <i>[Signature]</i>	Date 3/10/22	Time 1900	Received by: (Signature) <i>[Signature]</i>	Date 3/11/22	Time 7:30	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

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

Envirotech Analytical Laboratory

Printed: 3/11/2022 7:46:25AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	03/11/22 07:30	Work Order ID:	E203076
Phone:	(575) 390-6397	Date Logged In:	03/10/22 17:22	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	03/11/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Carrier: CarrierComments/Resolution

Sampled times not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



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: Money Graham CTB

Work Order: E206191

Job Number: 20046-0001

Received: 6/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/29/22

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

Date Reported: 6/29/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Money Graham CTB
Workorder: E206191
Date Received: 6/28/2022 11:07:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2022 11:07:00AM, under the Project Name: Money Graham CTB.

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

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

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

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

Respectfully,

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/29/22 17:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 - 4'	E206191-01A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP2 - 4'	E206191-02A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP3 - 4'	E206191-03A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SW3 - 4'	E206191-04A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Money Graham CTB Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/29/2022 5:25:52PM
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SP1 - 4'

E206191-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2227028
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.9 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.1 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>	85.7 %	50-200		06/28/22	06/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2227040
Chloride	ND	20.0	1	06/28/22	06/28/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/29/2022 5:25:52PM

SP2 - 4'

E206191-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>						
	90.1 %	50-200		06/28/22	06/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227040
Chloride	ND	20.0	1	06/28/22	06/28/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/29/2022 5:25:52PM

SP3 - 4'

E206191-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>						
	94.0 %	50-200		06/28/22	06/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227040
Chloride	ND	20.0	1	06/28/22	06/28/22	



Sample Data

Tap Rock	Project Name:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:25:52PM

SW3 - 4'

E206191-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227028	
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.1 %	70-130	06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.0 %	70-130	06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227038	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>		115 %	50-200	06/28/22	06/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227040	
Chloride	ND	20.0	1	06/28/22	06/28/22	



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:25:52PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227028-BLK1)

Prepared: 06/28/22 Analyzed: 06/28/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			

LCS (2227028-BS1)

Prepared: 06/28/22 Analyzed: 06/28/22

Benzene	4.74	0.0250	5.00		94.7	70-130			
Ethylbenzene	4.41	0.0250	5.00		88.2	70-130			
Toluene	4.64	0.0250	5.00		92.8	70-130			
o-Xylene	4.59	0.0250	5.00		91.7	70-130			
p,m-Xylene	9.09	0.0500	10.0		90.9	70-130			
Total Xylenes	13.7	0.0250	15.0		91.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			

LCS Dup (2227028-BSD1)

Prepared: 06/28/22 Analyzed: 06/28/22

Benzene	4.95	0.0250	5.00		98.9	70-130	4.30	20	
Ethylbenzene	4.60	0.0250	5.00		92.0	70-130	4.24	20	
Toluene	4.84	0.0250	5.00		96.8	70-130	4.27	20	
o-Xylene	4.78	0.0250	5.00		95.5	70-130	4.05	20	
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130	4.12	20	
Total Xylenes	14.2	0.0250	15.0		95.0	70-130	4.10	20	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:25:52PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227028-BLK1)

Prepared: 06/28/22 Analyzed: 06/28/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			

LCS (2227028-BS2)

Prepared: 06/28/22 Analyzed: 06/28/22

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

LCS Dup (2227028-BSD2)

Prepared: 06/28/22 Analyzed: 06/28/22

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0		88.3	70-130	0.979	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:25:52PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227038-BLK1)

Prepared: 06/28/22 Analyzed: 06/28/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.4		50.0		88.7	50-200			

LCS (2227038-BS1)

Prepared: 06/28/22 Analyzed: 06/28/22

Diesel Range Organics (C10-C28)	453	25.0	500		90.5	38-132			
Surrogate: n-Nonane	46.5		50.0		92.9	50-200			

Matrix Spike (2227038-MS1)

Source: E206192-01

Prepared: 06/28/22 Analyzed: 06/28/22

Diesel Range Organics (C10-C28)	441	25.0	500	ND	88.2	38-132			
Surrogate: n-Nonane	48.1		50.0		96.1	50-200			

Matrix Spike Dup (2227038-MSD1)

Source: E206192-01

Prepared: 06/28/22 Analyzed: 06/28/22

Diesel Range Organics (C10-C28)	201	25.0	500	ND	40.2	38-132	74.7	20	R3
Surrogate: n-Nonane	45.6		50.0		91.2	50-200			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:25:52PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227040-BLK1)

Prepared: 06/28/22 Analyzed: 06/28/22

Chloride ND 20.0

LCS (2227040-BS1)

Prepared: 06/28/22 Analyzed: 06/28/22

Chloride 248 20.0 250 99.1 90-110

Matrix Spike (2227040-MS1)

Source: E206191-01

Prepared: 06/28/22 Analyzed: 06/28/22

Chloride 250 20.0 250 ND 100 80-120

Matrix Spike Dup (2227040-MSD1)

Source: E206191-01

Prepared: 06/28/22 Analyzed: 06/28/22

Chloride 252 20.0 250 ND 101 80-120 0.721 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:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/29/22 17:25

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



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Envirotech Analytical Laboratory

Printed: 6/28/2022 12:05:41PM

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:	06/28/22 11:07	Work Order ID:	E206191
Phone:	(575) 390-6397	Date Logged In:	06/27/22 16:34	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	06/28/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: UPSComments/Resolution

Time sampled and project manager not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	No
Collectors name?	No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



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: Money Graham CTB

Work Order: E206192

Job Number: 20046-0001

Received: 6/28/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/29/22

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

Date Reported: 6/29/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Money Graham CTB
Workorder: E206192
Date Received: 6/28/2022 11:07:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2022 11:07:00AM, under the Project Name: Money Graham CTB.

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

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

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

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

Respectfully,

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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/29/22 17:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
C1	E206192-01A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
C2	E206192-02A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
C3	E206192-03A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
C4	E206192-04A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
C5	E206192-05A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
SWC1	E206192-06A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
SWC2	E206192-07A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
SWC3	E206192-08A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
SWC4	E206192-09A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Money Graham CTB Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/29/2022 5:49:20PM
---	--	---

C1

E206192-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2227028
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	81.3 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	80.2 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>	94.3 %	50-200		06/28/22	06/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2227040
Chloride	43.1	20.0	1	06/28/22	06/28/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/29/2022 5:49:20PM

C2

E206192-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.4 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.4 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>						
	89.8 %	50-200		06/28/22	06/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227040
Chloride	ND	20.0	1	06/28/22	06/28/22	



Sample Data

Tap Rock	Project Name:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:49:20PM

C3

E206192-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227028	
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	82.2 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	83.8 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227038	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>	79.3 %	50-200		06/28/22	06/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227040	
Chloride	ND	20.0	1	06/28/22	06/28/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/29/2022 5:49:20PM

C4

E206192-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.4 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.1 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>						
	90.4 %	50-200		06/28/22	06/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227040
Chloride	41.5	20.0	1	06/28/22	06/28/22	



Sample Data

Tap Rock	Project Name:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:49:20PM

C5

E206192-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	82.5 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.8 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2227038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>	85.9 %	50-200		06/28/22	06/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2227040
Chloride	35.7	20.0	1	06/28/22	06/28/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/29/2022 5:49:20PM

SWC1

E206192-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.8 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.7 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>						
	98.6 %	50-200		06/28/22	06/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227040
Chloride	ND	200	10	06/28/22	06/28/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/29/2022 5:49:20PM

SWC2

E206192-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227038
Diesel Range Organics (C10-C28)	25.7	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/28/22	06/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227040
Chloride	ND	200	10	06/28/22	06/28/22	



Sample Data

Tap Rock	Project Name:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:49:20PM

SWC3

E206192-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.2 %	70-130	06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2227038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>		91.4 %	50-200	06/28/22	06/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2227040
Chloride	ND	200	10	06/28/22	06/28/22	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Money Graham CTB
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/29/2022 5:49:20PM

SWC4

E206192-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
o-Xylene	ND	0.0250	1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
<i>Surrogate: n-Nonane</i>						
	93.1 %	50-200		06/28/22	06/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227040
Chloride	116	100	5	06/28/22	06/28/22	



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:49:20PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227028-BLK1)

Prepared: 06/28/22 Analyzed: 06/28/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			

LCS (2227028-BS1)

Prepared: 06/28/22 Analyzed: 06/28/22

Benzene	4.74	0.0250	5.00		94.7	70-130			
Ethylbenzene	4.41	0.0250	5.00		88.2	70-130			
Toluene	4.64	0.0250	5.00		92.8	70-130			
o-Xylene	4.59	0.0250	5.00		91.7	70-130			
p,m-Xylene	9.09	0.0500	10.0		90.9	70-130			
Total Xylenes	13.7	0.0250	15.0		91.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			

LCS Dup (2227028-BSD1)

Prepared: 06/28/22 Analyzed: 06/28/22

Benzene	4.95	0.0250	5.00		98.9	70-130	4.30	20	
Ethylbenzene	4.60	0.0250	5.00		92.0	70-130	4.24	20	
Toluene	4.84	0.0250	5.00		96.8	70-130	4.27	20	
o-Xylene	4.78	0.0250	5.00		95.5	70-130	4.05	20	
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130	4.12	20	
Total Xylenes	14.2	0.0250	15.0		95.0	70-130	4.10	20	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:49:20PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227028-BLK1)

Prepared: 06/28/22 Analyzed: 06/28/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			

LCS (2227028-BS2)

Prepared: 06/28/22 Analyzed: 06/28/22

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

LCS Dup (2227028-BSD2)

Prepared: 06/28/22 Analyzed: 06/28/22

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0		88.3	70-130	0.979	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:49:20PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227038-BLK1)

Prepared: 06/28/22 Analyzed: 06/28/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	44.4		50.0		88.7	50-200			

LCS (2227038-BS1)

Prepared: 06/28/22 Analyzed: 06/28/22

Diesel Range Organics (C10-C28)	453	25.0	500		90.5	38-132			
Surrogate: <i>n</i> -Nonane	46.5		50.0		92.9	50-200			

Matrix Spike (2227038-MS1)

Source: E206192-01

Prepared: 06/28/22 Analyzed: 06/28/22

Diesel Range Organics (C10-C28)	441	25.0	500	ND	88.2	38-132			
Surrogate: <i>n</i> -Nonane	48.1		50.0		96.1	50-200			

Matrix Spike Dup (2227038-MSD1)

Source: E206192-01

Prepared: 06/28/22 Analyzed: 06/28/22

Diesel Range Organics (C10-C28)	201	25.0	500	ND	40.2	38-132	74.7	20	R3
Surrogate: <i>n</i> -Nonane	45.6		50.0		91.2	50-200			



QC Summary Data

Tap Rock	Project Name:	Money Graham CTB	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/29/2022 5:49:20PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227040-BLK1)

Prepared: 06/28/22 Analyzed: 06/28/22

Chloride ND 20.0

LCS (2227040-BS1)

Prepared: 06/28/22 Analyzed: 06/28/22

Chloride 248 20.0 250 99.1 90-110

Matrix Spike (2227040-MS1)

Source: E206191-01

Prepared: 06/28/22 Analyzed: 06/28/22

Chloride 250 20.0 250 ND 100 80-120

Matrix Spike Dup (2227040-MSD1)

Source: E206191-01

Prepared: 06/28/22 Analyzed: 06/28/22

Chloride 252 20.0 250 ND 101 80-120 0.721 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:	Money Graham CTB	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/29/22 17:49

- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Released to Imaging: 1/24/2023 1:55:41 PM

Received by OCD: 1/17/2022 1:45:29 PM

Project Information

Chain of Custody

Client: <u>Taprock</u>		Bill To		Lab Use Only				TAT				EPA Program				
Project: <u>Money Graham CTB</u>		Attention: <u>ESS</u>		Lab WO# <u>EE 200192</u>		Job Number <u>200460001</u>		1D	2D	3D	Standard	CWA	SDWA			
Project Manager:		Address: <u>2724 New Century</u>		Analysis and Method								RCRA				
Address:		City, State, Zip		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State				
Phone:		Phone:										NM	CO	UT	AZ	TX
mail:		Email: <u>Walter Gladde</u>										Remarks				
Report due by:																

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	4/27/22	soil	1	C1	1									
				C2	2									
				C3	3									
				C4	4									
				C5	5									
				SUC1	6									
				SUC2	7									
				SUC3	8									
				SUC4	9									

Additional Instructions:

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

Relinquished by: (Signature) Walter Gladde Date 4/27/22 Time 4:15

Received by: (Signature) Scott Casillas Date 6/27/22 Time 3:52

Relinquished by: (Signature) Walter Gladde Date 6/27/22 Time 4:15

Received by: (Signature) Scott Casillas Date 6/27/22 Time 11:07

Relinquished by: (Signature) _____ Date _____ Time _____

Received by: (Signature) _____ Date _____ Time _____

Received on ice: Y / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

Envirotech Analytical Laboratory

Printed: 6/29/2022 5:26:43PM

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:	06/28/22 11:07	Work Order ID:	E206192
Phone:	(575) 390-6397	Date Logged In:	06/27/22 16:36	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	06/29/22 17:00 (1 day TAT)		

Chain of Custody (COC)

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

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

Carrier: UPSComments/Resolution

Time sampled and project manager not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2205561125
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

State of New Mexico

Page 4

Oil Conservation Division

Incident ID	NAPP2205561125
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 REGULATORYSignature:  Date: 11-4-22email: natalie@energystaffingllc.comTelephone: 575-390-6397**OCD Only**Received by: Jocelyn HarimonDate: 11/07/2022

Incident ID	NAPP2205561125
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Natalie Gladden Title: Director of Environmental and Regulatory

Signature:  Date: 11-4-22

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

OCD Only

Received by: Jocelyn Harimon Date: 11/07/2022

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 156728

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 156728
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2205561125 MONEY GRAHAM CTB, thank you. This closure is approved.	1/24/2023