Land Reclamation Report

Prometheus State Com #121H/
Jackson Unit Flowline

Incident ID: nAPP2336273011
Vertex File Number: 23E-06064
NMSLO Lease Number: LG41380008

Prepared for:
Jonah Energy

Prepared by:
Vertex Resource Services Inc.

Date:
May 2025

Land Reclamation Report
Prometheus State Com #121H
Incident Number: nAPP2336273011

Prepared for:
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John Rewis — 05/22/2025

John Rewis, B.Sc.
ENVIRONMENTAL TECHNICIAN, REPORTING

Date

Chance Dixon, B.Sc.
PROJECT MANAGER, REPORT REVIEW

Date

Executive Summary

Tap Rock Resources retained Vertex Resource Services Inc. to complete an inspection and Land Reclamation procedures for Prometheus State Com #121H located on state land in Unit O, Section 9, Township 24 South, Range 33 East at the Prometheus State Com #121H (hereafter referred to as "site"). Remedial activities were completed in March of 2024. The site has since been acquired by Jonah Energy (Jonah). This document provides a description of the site, summary of the previous environmental work and details of the Land Reclamation. The site is located at 32.199710, -103.565123 on New Mexico State land. The site is surrounded by native range that is used for grazing on all sides. The area is largely dominated by grasses, mesquite, and snakeweed. The area surrounding the site contains similar oil and gas pads or facilities that are common in the Permian Basin. The site is located on mostly level land.

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List of Appendices

1.0 Introduction

It is the intent of this reclamation report to provide documentation for the reclaimed release area that met New Mexico Oil Conservation Division (NMOCD).

2.0 Background

2.1 Site Description

The site is located approximately 42 miles southeast of Carlsbad, New Mexico, located on New Mexico state land. The site is surrounded by other oil and gas production areas to the north, west, east and south, and native rangeland. The site is mostly level.

2.2 Ecological Setting

The site is situated in the Chihuahuan Desert Grasslands. This ecoregion is characterized as including the following natural vegetation: black grama (*Bouteloua eriopoda* Torr.), dropseeds (*Sporobolus flexuosus, S. contractus, S. cryptandrus*), bluestems (*Schizachyrium scoparium* and *Andropogon hallii*). The mean annual air temperature is between 60 and 62 °F. Mean annual precipitation is between 10 to 13 inches and the frost-free period is between 190 and 205 days. The site is within the 1w43 National Map Unit and the soil type at the site (Berino-Cacique) is classified as "Not prime farmland". Major soils at the site are “Berino and similar soils” (50%), “Cacique and similar soils” (40%) and “Minor components” (10%). The full Soil Resource Report is included in Appendix E. Land use in the area is predominantly rangeland.

3.0 Land Reclamation

The Land Reclamation for the site (surface reclamation) is detailed below. This section outlines the principles that were used during the surface reclamation phase for the site. A site schematic that outlines the reclamation areas is included in Appendix A. The Daily Site Visit Report detailing seeding is provided in Appendix C and the New Mexico State Land Office (NMSLO) Seed Mixture Application is included in Appendix D.

3.1 Site Evaluation

The land use surrounding the site is defined as natural; therefore, the end land use would be natural land. A natural area is described as: away from human habitation and activities, where the primary concern is the protection of ecological receptors. The site will be reclaimed so that the capability of the land will match that of the areas immediately surrounding the site, which consists of rangeland. The area around the release is undisturbed pastureland native to sandy loamy areas. Currently, the site consists of a level area. No site contouring was necessary.

3.1.1 Release Area and Reclamation

Remediation of the reportable release was completed in March 2024. The Remediation Closure Report was approved by NMOCD on May 3, 2024. Surface reclamation included determination of background topsoil depth as the site conditions are required to meet pre-existing conditions. Reclamation of the location was completed after backfilling operations. Initial reseeding was completed on April 19, 2024; however, it was subsequently determined that the application did not meet reclamation specifications. As a corrective measure, the upper 18 inches of backfill material

were excavated and replaced with the appropriate topsoil. The site was then successfully reseeded on April 10, 2025, using the NMSLO-approved Loamy seed mixture. The excavated backfill material was then repurposed as a berm to prevent vehicles from entering the reclamation area. A clean, locally sourced topsoil was imported to the site to backfill the excavation. Analytical results of the samples collected from the backfill source and material used for the repurposed berm are included in Appendix B. Laboratory Data Reports and Chain of Custody Forms are included in Appendix F.

3.2 Erosion Control

There are currently no erosion concerns on-site, and the use of erosion control devices at this location is not anticipated; however, erosion control devices will be installed at the discretion of the on-site environmental inspector.

3.3 Revegetation

3.3.1 Seeding

A seed mix suitable for the site and surrounding area was used and applied at appropriate rates. Seed composition chosen was the NMSLO Loamy mixture. Reseeding was conducted via hand broadcasting, and hand-raking seeds to be embedded into the soil at double the application rate. Initial reseeding was completed on April 19, 2024; however, it was subsequently determined that the application did not meet reclamation specifications. As a corrective measure, the upper 18 inches of backfill material were excavated and replaced with the appropriate topsoil. The site was then successfully reseeded on April 10, 2025, using the NMSLO-approved Loamy seed mixture. The excavated backfill material was then repurposed as a berm to prevent vehicles from entering the reclamation area. A Revegetation report will be submitted after regrowth has exceeded 70%. A copy of the SLO seed mixture is included in Appendix D.

3.3.2 Reclamation Standards

Reclamation success will meet requirements outlined in Chapter 6 of The Gold Book (U.S. Department of the Interior and U.S. Department of Agriculture, 2007) which states that “a self-sustaining, vigorous, diverse, native (or otherwise approved) plant community is established on site, with a density sufficient to control erosion and non-native plant invasion and to re-establish wildlife habitat or forage production”.

3.4 Weed Management

The site will be monitored for vegetative growth throughout all phases of the project. Should noxious or troublesome weeds be identified on-site, a weed management program will be implemented. The weed management program will identify weed species of concern and utilize active and effective control methods. These methods include but are not limited to chemical (herbicide) control, mechanical (mowing) control, or biological control as approved by governing regulatory agencies.

4.0 Monitoring Program

Inspections will be conducted every 90 days, during the growing season, to monitor site progression and assess the need for additional best management practices (BMPs) until the site reaches the desired 70 percent coverage as per

19.15.29.13 *New Mexico Administrative Code* Inspections will include photographs of the site and BMPs implemented.

4.1 Land Reclamation Report Closure Denial

Vertex submitted a Land Reclamation Report closure request after reclamation activities were completed on April 17, 2025. The Land Reclamation Report closure request was denied on May 16, 2025 due to the lack of a remediation closure confirmatory sampling site map and confirmatory sample field screen and laboratory results table being included in the initial report. Please see Appendix A for Confirmatory Sampling Schematic and Appendix B for Confirmatory Sampling Field and Lab Results Table. Laboratory Data Results and Chain of Custody Forms are located in Appendix F.

4.2 Final Assessment and Closure Request

Vertex recommends no additional action to address the now reclaimed area. Laboratory analyses of backfill samples collected demonstrate values below NMOCD reclamation closure criteria. There are no anticipated risks to human, ecological, or hydrological receptors at the site. The site has been reclaimed, contoured, and seeded with the appropriate NMSLO seed mix for loamy soils.

Vertex respectfully requests that this reclamation report for the approved remedial area be approved as all closure requirements outlined in 19.15.29.13 NMAC have been met. Jonah Energy certifies that all information in this report and the appendices are correct and that they have complied with all applicable closure requirements and conditions specified in Division rules and directives to meet NMOCD and NMSLO requirements.

Inspections are conducted every 90 days. If site conditions are at or nearing background conditions, a final revegetation report will be completed. The report will provide a summary of reclamation work performed, a summary and interpretation of monitoring data collected, interpretation of historical monitoring data, and suggested corrective actions if applicable.

Should you have any questions or concerns, please do not hesitate to contact Chance Dixon at 575.988.1472 or cdixon@vertexresource.com.

5.0 References

Griffith, G.E., Omernik, J.M., McGraw, M.M., Jacobi, G.Z., Canavan, C.M., Schrader, T.S., Mercer, D., Hill, R., and Moran, B.C. (2006). *Ecoregions of New Mexico.* Available at: https://www.epa.gov/eco-research/ecoregion-download-files-state-region-6#pane-29

United States Department of Agriculture, Natural Resources Conservation Service. (2024). *Web Soil Survey*. Retrieved from https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

U.S. Department of the Interior and U.S. Department of Agriculture. (2007). *Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development: The Gold Book.* Fourth edition. Available at: https://www.blm.gov/sites/blm.gov/files/Gold%20Book%202007%20Revised.pdf

6.0 Limitations

This report has been prepared for the sole benefit of Jonah Energy. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division and New Mexico State Land Office, without the express written consent of Vertex Resource Services Inc. (Vertex) and Jonah Energy. Any use of this report by a third party, or any reliance on decisions made based on it, or damage suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

APPENDIX A – Reclamation Site and Confirmatory Sampling Site Schematics

Reclamation Area (~3,364 sq.ft.)

VERTEX

0 5 10 20 ft

Map Center:
Lat/Long: 32.199710, -103.565123

NAD 1983 UTM Zone 13N
Date: Nov 04/24

N

Reclamation Area
Prometheus State Com #121H

FIGURE:
1

TAP ROCK RESOURCES

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2023. Sample holes and excavations from GPS by Vertex Professional Services Ltd., 2024.

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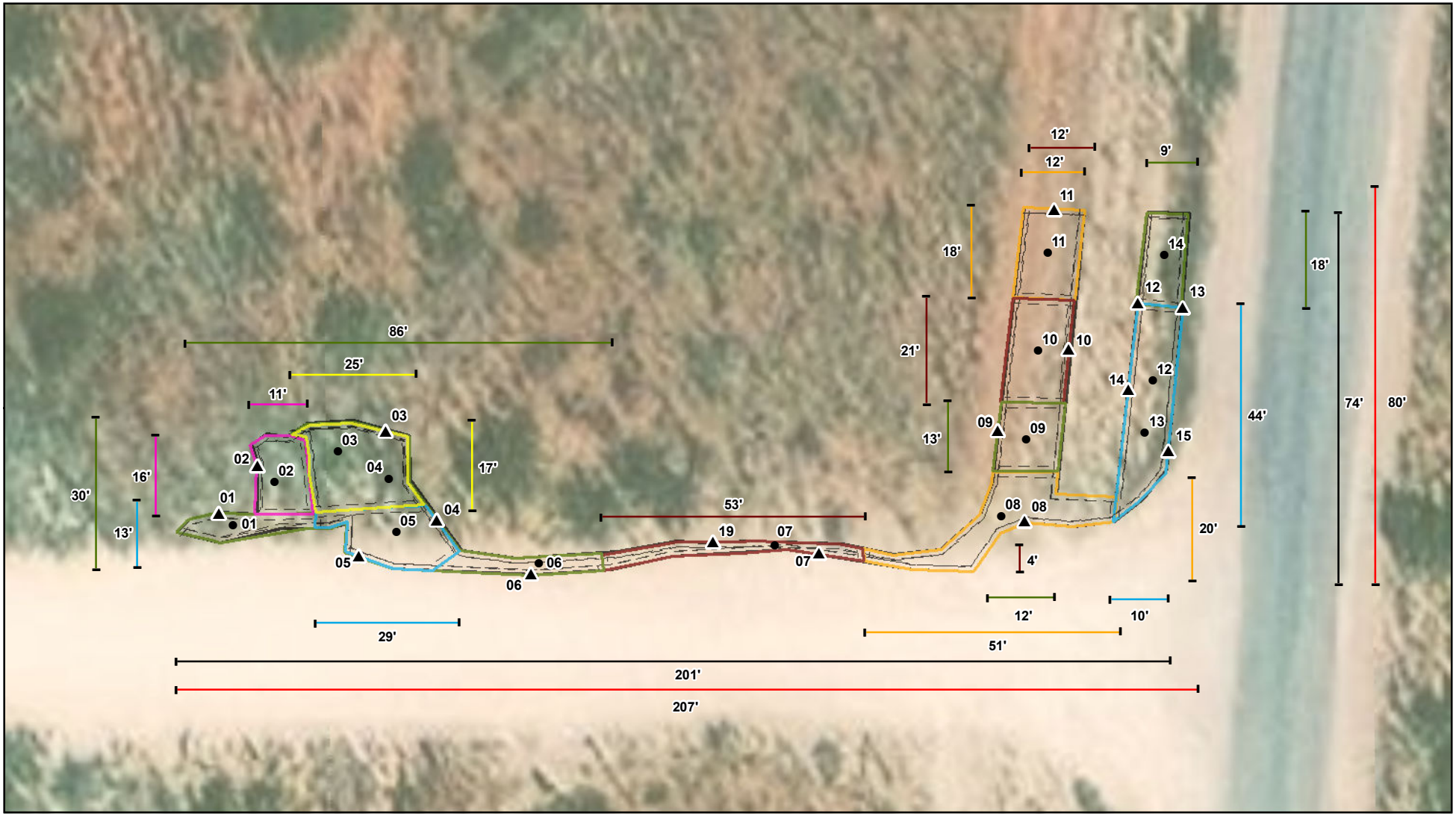
Document Path: S:\04 - Geomatics\1-Projects_US PROJECTS\Tap Rock\2023\23E-06064 -Prometheus State Com #121H\Figure 1 Reclamation Schematic (23E-06064)\ID19842.mxd



- Base Sample (Excavated) (Prefixed by "BS24-")
- Wall Sample (Excavated) (Prefixed by "WS24-")
- Excavation to 1.5' bgs (~ 395 sq. ft.)
- Excavation to 2' bgs (~ 587 sq. ft.)
- Excavation to 2.5' bgs (~ 1,197 sq. ft.)
- Excavation to 2.8' bgs (~ 2,750 sq. ft.)
- Excavation to 3' bgs (~ 341 sq. ft.)
- Excavation to 3.5' bgs (~ 623 sq. ft.)
- Excavation to 4' bgs (~ 172 sq. ft.)

VERTEX

0 10 20 40 ft

Map Center:
Lat/Long: 32.199686, -103.565104

NAD 1983 UTM Zone 13N
Date: Mar 20/24

N

Confirmation Schematic
Prometheus State Com #121H

FIGURE:
2

TAP ROCK RESOURCES

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2023. Sample holes and excavations from GPS by Vertex Professional Services Ltd., 2024.

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Document Path: S:\04 - Geomatics\1-Projects_US PROJECTS\Tap Rock\23E-06064 - TAP Rock Resources\Figure 2 Confirmation Schematic (23E-06064)ID18064.mxd

APPENDIX B – Backfill Sample and Confirmatory Sample Results

Client Name: Tap Rock Resources
Site Name: Prometheus #121H
NMOCD Tracking #: nAPP2336273011
Project #: 23E-06064
Lab Report: E411253

Table 1. Backfill Sample Field Screen and Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater <50							
Repurposed Berm										
BG24-01	N/A	11/21/2024	ND	ND	ND	ND	ND	ND	ND	ND
BG24-02	N/A	11/21/2024	ND	ND	ND	ND	ND	ND	ND	ND
BG24-03	N/A	11/21/2024	ND	ND	ND	ND	ND	ND	ND	ND
BG24-04	N/A	11/21/2024	ND	ND	ND	ND	ND	ND	ND	ND
BG24-05	N/A	11/21/2024	ND	ND	ND	ND	ND	ND	ND	ND
BG24-06	N/A	11/21/2024	ND	ND	ND	ND	ND	ND	ND	ND
BG24-07	N/A	11/21/2024	ND	ND	ND	ND	ND	ND	ND	ND
Backfill Source (Topsoil)										
SS25-01	N/A	2/11/2025	ND	ND	ND	ND	ND	ND	ND	ND

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed

Client Name: Tap Rock Resources
Site Name: Promethues 121H
NMOCD Tracking #: nAPP2336273011
Project #: 23E-06064
Lab Reports: E402160, E402171, E402184, E403003, E403043

Table 4. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater <50 feet bgs

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BES24-01	2.5	02.15.24	-	72	165	ND	ND	ND	32.1	ND	32.1	32.1	21.9
BES24-02	4	02.16.24	-	67	200	ND	ND	ND	ND	ND	ND	ND	30.1
BES24-03	3	02.29.24	-	3	126	ND	ND	ND	ND	ND	ND	ND	ND
BES24-04	3	02.29.24	-	4	125	ND	ND	ND	ND	ND	ND	ND	ND
BES24-05	3.5	03.01.24	-	19	595	ND	ND	ND	ND	ND	ND	ND	562
BES24-06	2.5	02.29.24	-	38	228	ND	ND	ND	ND	ND	ND	ND	57
BES24-07	1.5	02.19.24	-	42	250	ND	ND	ND	ND	ND	ND	ND	178
BES24-08	2	03.01.24	-	34	425	ND	ND	ND	ND	ND	ND	ND	488
BES24-09	2.8	02.19.24	-	30	298	ND	ND	ND	ND	ND	ND	ND	252
BES24-10	0.5	02.16.24	-	60	300	ND	ND	ND	29.8	ND	29.8	29.8	287
BES24-11	2	02.19.24	-	92	445	ND	ND	ND	58.8	ND	58.8	58.8	379
BES24-12	3.5	02.16.24	-	84	435	ND	ND	ND	45.9	ND	45.9	45.9	535
BES24-13	3.5	02.16.24	-	83	360	ND	ND	ND	ND	ND	ND	ND	459
BES24-14	2.5	03.01.24	-	38	323	ND	ND	ND	ND	ND	ND	ND	145
WES24-01	0-2.5	02.15.24	-	34	198	ND	ND	ND	ND	ND	ND	ND	ND
WES24-02	0-2.5	02.15.24	-	16	110	ND	ND	ND	ND	ND	ND	ND	ND
WES24-03	0-3	02.29.24	-	0	175	ND	ND	ND	ND	ND	ND	ND	ND
WES24-04	0-3.5	02.15.24	-	17	143	ND	ND	ND	ND	ND	ND	ND	ND
WES24-05	0-2.5	02.15.24	-	59	200	ND	ND	ND	62.3	ND	62.3	62.3	126
WES24-06	0-0.5	02.15.24	-	44	345	ND	ND	ND	ND	ND	ND	ND	492
WES24-07	0-0.5	02.16.24	-	49	102	ND	ND	ND	33.2	ND	33.2	33.2	87.8
WES24-08	0-1.5	02.16.24	-	40	240	ND	ND	ND	ND	ND	ND	ND	80
WES24-09	0-3	02.16.24	-	25	240	ND	ND	ND	ND	ND	ND	ND	ND
WES24-10	0-0.5	02.16.24	-	26	233	ND	ND	ND	29.8	ND	29.8	29.8	287
WES24-11	0-2	02.19.24	-	28	193	ND	ND	ND	ND	ND	ND	ND	77
WES24-12	0-3.5	02.16.24	-	**215**	**1120**	ND	ND	ND	45.9	ND	45.9	45.9	535
WES24-13	0-3.5	02.16.24	-	92	**960**	0	ND	ND	ND	ND	ND	ND	459
WES24-14	0-3.5	02.16.24	-	12	84	ND	ND	ND	ND	ND	ND	ND	117
WES24-15	0-3.5	02.16.24	-	11	190	ND	ND	ND	ND	ND	ND	ND	335
WES24-16	0-1.5	02.19.24	-	13	200	ND	ND	ND	34.8	ND	34.8	34.8	139
WES24-19	0-2.5	03.01.24	-	**140**	230	ND	ND	ND	ND	ND	ND	ND	ND

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and green shaded indicates exceedance outside of NMOCD Reclamation Criteria (off-pad)

APPENDIX C – Seeding Field Report with Photographs

Daily Site Visit Report

Client:	Tap Rock	Inspection Date:	
Site Location Name:	Prometheus State Com #121H	Report Run Date:	4/13/2025 11:07 PM
Client Contact Name:	Bill Ramsey	API #:	
Client Contact Phone #:	720-238-2787		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	
Departed Site	

Daily Site Visit Report

Site Sketch

Site Sketch

Daily Site Visit Report

Field Notes

17:52 Arrived on site, completed saftey paperwork and site walkthrough upon arrival.

17:52 On site to document the seeding of the reclamation project.

17:54 Site was properly seeded and raked per reclamation standards. Berm was put in place around the seeded area to prevent vehicles from driving onto the reclamation area.

Next Steps & Recommendations

1

Daily Site Visit Report

Site Photos

Viewing Direction: Northeast	**Viewing Direction**: Northeast
	
Western portion of the seeded area.	Western portion of the seeded area.
Viewing Direction: South	**Viewing Direction**: East
	
Western portion of the seeded area.	Central portion of the reclamation area.

Daily Site Visit Report

Viewing Direction: Northeast

Eastern portion of the seeded area.

Viewing Direction: South

Northeastern portion of the seeded area.

Viewing Direction: Southeast

Northeastern portion of the seeded area.

Viewing Direction: North

Eastern portion of the seeded area.

Daily Site Visit Report

Viewing Direction: North

Close up of the seeded and raked soil.

Viewing Direction: North

Close up the seeded and raked soil.

Viewing Direction: West

Berm created to prevent vehicles from driving onto the reclamation area along the lease road.

Viewing Direction: East

Overview of the reclamation area from the lease road.

Daily Site Visit Report

Daily Site Visit Signature

Inspector: John Rewis

Signature:

APPENDIX D – NMSLO Seed Mixture Application

4.4 SEEDING

Drill seeding is the SLO preferred method for applying and incorporating the seed into the soil surface. Other methods of seeding shall only be used when drill seeding is not possible or practical (see Table 3).

Table 3. Recommended seeding methods

Preference	Seeding Method	Situation Best Suited for Seeding Method
1st	Drill Seeding	All applications
2nd	Hydroseeding	Steep slopes – greater than 3 horizontal to 1 vertical*
3rd	Broadcast Seeding - *Mechanical*	Small areas – less than ¼ acres

*Hydroseeding may occur when more economical for smaller sites.

Seed Mixtures

The seed mixtures developed by the SLO are designed to address the soil types and post-reclamation land use, soil stabilization, erosion control issues, seed availability and seed costs. Expensive seed was only specified when absolutely required.

Seeding rates shall be doubled when hydroseeding or broadcast seeding.

The Operator should request the seed supplier to divide the specified seed mixtures into submixtures of: small seed (S), standard sized seed (D), and fluffy and thrashy seed (F).

No substitution of species, variety, or collection for non-varietal species will be allowed unless evidence is submitted in writing by the Operator to the SLO showing that the specified materials are not reasonably available during the seeding period. The substitution of a species, variety, or collection shall be made only with the written approval of the SLO, prior to making a substitution.

"Pure Live Seed" (PLS) is a means of expressing seed quality. Drills need to be calibrated on the basis of PLS/acre. The amount of PLS required for a planting is based on the quality of a given seed lot. Therefore, prior to calibrating a drill, seed lot quality must be known. PLS and bulk seed required are determined by using the seed analysis information on the seed tag in the following formula.

% PLS = [(% germination + % hard or dormant) x % purity)] / 100

Bulk Seed (lbs/ac) = PLS seeding rate recommendation (lbs/ac) / (% PLS / 100)

Recommended seeding rates provide an adequate amount of PLS seed per acre even though seed lots differ in seed size, shape, weight, viability, etc. The variation in individual seed lots causes the amount of bulk seed planted per acre to vary considerably while the actual PLS seeding rates remain constant.

Best Times to Seed

Seeding just prior to the summer monsoon season is recommended. The arrival of the summer monsoon season typically occurs somewhere between the middle of June through the end of August. If seeding immediately prior to the summer monsoons is not practical, the SLO recommends seeding during the monsoons, or after the monsoons and before the first frost. Seeding following the summer monsoons may be successful if rain initiates sufficient growth to allow the plants to go through cool, dry, windy, and hot weather prior to the next summer precipitation events.

Seeding during other times of the year is allowed, however, the risk of failure increases due to spring winds and early germination followed by a dry period. Seeding should not be done when the ground is frozen. Seeding may

proceed when there is evidence of frost, providing the seedbed can be kept in a workable condition so that the seed is planted at the correct depth.

Table 4. Recommended Seeding Times

Preference	Seeding Times
1st	Prior to summer monsoon *June - August*
2nd	During summer monsoon
3rd	After summer monsoon *Before first frost*

Seed Certification

All seed utilized must be purchased through a licensed dealer and meet standards established by the New Mexico Department of Agriculture (NMDA). All seed shall be furnished in sealed, undamaged containers and shall be plainly labeled on tags in accordance with NMDA standards. Following seeding operations, the Operator shall furnish to the SLO the seed tags and one copy of a materials certification signed by the vendor. One or more random samples may be taken by the SLO or his representative prior to, or during drill seeding operations for testing and analysis by an independent seed laboratory.

Drill Seeding

Drill seeding is the most effective seeding method for revegetation of disturbed sites.

Equipment:

Only rangeland drills are recommended. Drills shall be capable of applying the seed in uniform rows spaced at a maximum of 12 inches; 6 to 8 inch spacing between drill rows is most common. Rangeland drills including Truax Flex II drills, Laird rangeland drills, Great Plains rangeland drills, and equivalent are recommended for use.

Light duty drills (drills incapable of withstanding site and soil conditions on sites to be revegetated), standard farm drills, and drills in poor working condition are not acceptable. Use of these drills will result in less than satisfactory revegetation success due to poor seed application and placement. Turf grass type seeders can be utilized, but may have difficulty seeding in rough and rocky terrain and may be subject to considerable damage.

Rangeland drills capable of seeding a variety of seed types are best. Rangeland drills generally have three seed boxes, which can be used for the 3 seed submixtures.

1. Small seed box for small seed.
2. Standard box for average, non fluffy, non trashy seed
3. Fluffy box for fluffy, trashy, or similar seed

All three boxes shall have their own flow metering system. The drill manufacturer will provide operator's instructions for setting flow rates for the drill boxes. Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).

Application Rates:

The seed mixture shall be applied at the drill seed application rate indicated in the seed mixture tables of the Revegetation Plan with adjustments for hydroseeding or broadcast seeding if needed. Variations from the specified seed mixtures must be approved in writing by the SLO.

Application rates identified in the Revegetation Plan seed mixtures are designed to address more factors than the soil type and the standard recommended seeds per acre. The application rates also address practical issues such as

equipment efficiency, operator error, wind, wildlife impact, seed survivability, seed planting depth, and related factors that negatively impact seed placement and survival.

Seeding Depth:

The SLO recommends seed be drilled to a depth of ¼ to ½ inch regardless of the size or type.

Drill Calibration:

Calibrating the drill at the beginning of drill seeding operations is required for each seed mixture. Continual checking and adjusting the drill settings is necessary. Frequency of checking and adjustments depends on the uniformity of the mixed seed, humidity, dust and trash accumulation in the drill metering system, and variability in the roughness of the soil surface.

Drills can be calibrated by a number of different techniques. Utilize drill manufacturers calibration procedures if available; otherwise, the NMSLO recommends the following drill seeding calibration methods described by the NRCS (USDA, 1985. www.mt.nrcs.usda.gov/technical /ecs/plants/technotes/pmtechnotesMT30.html).

Hydraulic Seeding

Hydraulic seeding, or hydroseeding, is the process of broadcast seed using water and a small amount of wood fiber mulch to carry the seed via a hydroseeder. Hydroseeding is typically best suited for steep slope areas where drill seeding is not practical. While the SLO recommends drill seeding as the method of choice for all sites, economics of smaller sites may make hydroseeding more practical. Hydraulic mulching (hydromulching) shall follow hydroseeding on all sites (see section 4.5 Mulching).

Procedures

Following are the three steps for hydroseeding and hydromulching:

1. Preparing the area for seeding;
2. Hydraulic seeding; and,
3. Hydraulic mulching.

1. Preparing the Area for Seeding:

The Operator should first prepare the seedbed (seed section 4.3 Seedbed Preparation).

2. Hydraulic Seeding:

Mix seed, water, and hydraulic mulch fiber into a homogenous slurry and uniformly apply to the areas to be seeded. The slurry must be constantly agitated during application to assure even application and distribution of seed and hydromulch.

Seed should be applied at double the drill seed application rate. At least 1,000 gallons of water should be used per acre for applying the seed and hydraulic mulch. 400 pounds of hydraulic mulch fiber per acre should be included in the mixture to assist the hydroseeder applicator in visually determining the evenness of the seed application and the accuracy of the application rate.

Seed should not be left in the tank with water for more than 2 hours. If this occurs due to equipment failure, or for any other reason, then the mixed material may need to be disposed of either off-site, or applied to the slopes at the Operator's expense. If applied to the slopes, it should not be counted as applied seed and new seed will need to be applied.

3. Hydraulic Mulching (Hydromulching):

Hydromulching is a technique to provide short term soil stabilization and erosion protection while seedlings germinate and begin to establish. Hydromulching differs from hydroseeding in that only hydraulic mulch fiber and tackifier are applied during hydromulching operations. It serves the same purpose as hay mulching and crimping.

Combining seed with all the hydromulch woodfiber and applying everything in a one step operation is highly discouraged and success will be unlikely.

For best results, measure the area(s) to be seeded, divide the disturbed area into small components, depending on the capacity of the hydroseeder, and prepare a chart or plan for determining the number of seed loads and the location(s) for each load. The hydraulic mulch and tackifier should be mixed with water and uniformly applied after seeding, preferably during the same day or within 36 hours. See section 4.5 Mulching for more details on Hydromulching.

Application Rates

Seed mixtures should be applied at double the drill seed application rates in the Revegetation Plans.

Equipment

The hydroseeder shall be equipped with a mechanical power-driven agitator capable of keeping all solids in suspension in a homogeneous slurry until distributed. The pump pressure must maintain a continuous non-fluctuating spray capable of reaching the extremities of the seeding area.

Broadcast Seeding

Broadcast seeding is recommended only for areas inaccessible to a rangeland drill, or too small to warrant the use of a rangeland drill (less than ¼ acres), the SLO recommends drill seeding in all accessible locations. Because the seed is not carefully placed in the soil profile to a controlled depth when broadcast seeding, seed is lost to environmental impacts including wind, rain, wildlife (birds and rodents), sunlight (UV light, heat) and other factors.

Application Rates:

When broadcasting, seed mixtures shall be applied at double the drill seed application rates in the Revegetation Plan.

Procedures:

Areas to be broadcast seeded should receive the same topsoil placement and seedbed preparation as drill seeded areas. If equipment access limitations exist, then some type of soil surface loosening is still necessary such that the topsoil is in a mellow, loosened condition. If slopes are too steep to apply on the contour by drill seeding, broadcast up and down the slope or at a diagonal. Broadcast seeding should not be done during windy conditions.

Do not broadcast an area larger than can be quickly raked, dragged, or chained to cover the seed (within approximately 30 minutes after broadcasting). The seed should be covered approximately ¼ to ½ inches by raking, dragging, chaining, or chain harrowing, unless prevented by equipment access limitations. Care should be taken by the operators and laborers to minimize dragging seed down slope or dragging seed off high spots and concentrating that seed in the low spots. Failure to cover the seed soon after broadcasting, or at all, may result in revegetation failure.

Equipment:

Mechanical broadcast seeding is always recommended over hand broadcast seeding. Mechanical broadcast seeding can be accomplished with any equipment that will evenly spread the seed on the soil surface. A broad range of hand held, ATV mounted, 3-point, and pull type broadcast spreaders are available on the market.

Mechanical broadcasting units must be capable of distributing fluffy and thrashy seed. Most residential type units are not capable. One example of a mechanical broadcasting unit capable of handling fuffy/thrashy seed is distributed by Truax (http://www.truaxcomp.com/seed-slinger.html), other types are available.

NMSLO Seed Mix Shallow (SH)

SHALLOW (SH) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Sideoats grama	Vaughn, El Reno	4.0	F
Blue grama	Lovington, Hachita	3.0	D
Little bluestem	Pastura, Cimmaron	1.5	F
Green sprangletop	VNS, Southern	1.0	D
Plains bristlegrass	VNS, Southern	1.0	D
Forbs:			
Firewheel (*Gaillardia*)	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	Marana, Santa Rita	1.0	D
Common winterfat	VNS, Southern	0.5	F
	Total PLS/acre	13.0	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box
VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at http://plants.usda.gov.

NMSLO Seed Mix — Lime – Gypsum (LG)

LIME – GYPSUM (LG) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Black grama	**VNS, Southern**	**1.0**	**D**
Blue grama	**Lovington**	**1.0**	**D**
Sideoats grama	**Vaughn, El Reno**	**4.0**	**F**
Plains bristlegrass	**VNS, Southern**	**2.0**	**D**
Sand dropseed	**VNS, Southern**	**2.0**	**S**
Forbs:			
Firewheel (*Gaillardia*)	**VNS, Southern**	**1.0**	**D**
Annual Sunflower	**VNS, Southern**	**1.0**	**D**
Shrubs:			
Fourwing saltbush	**VNS, Southern**	**1.0**	**F**
	Total PLS/acre	**13.0**	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box
VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at http://plants.usda.gov.

NMSLO Seed Mix Loamy (L)

LOAMY (L) SITES SEED MIXTURE:

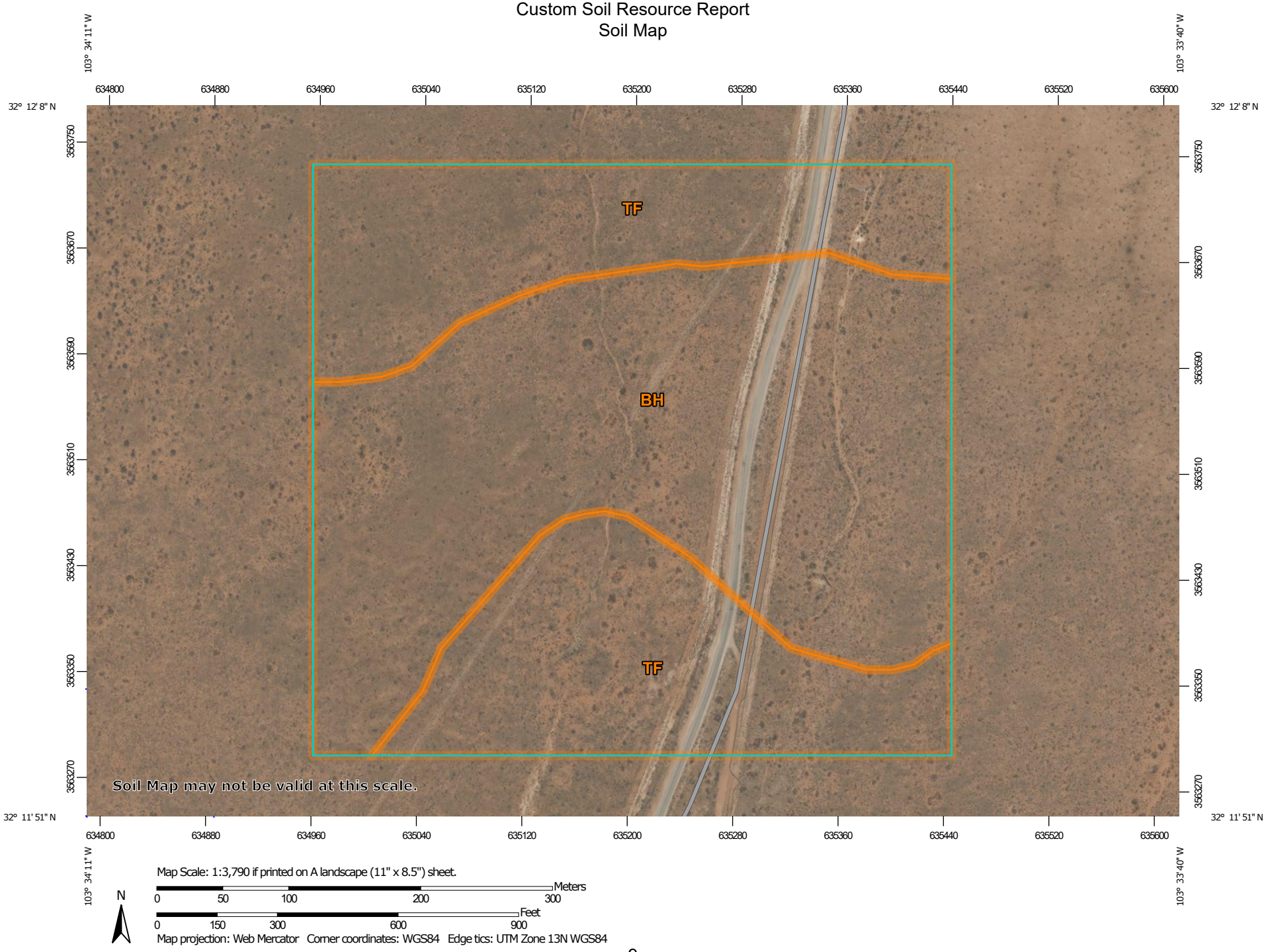
COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Black grama	VNS, Southern	1.0	D
Blue grama	Lovington	1.0	D
Sideoats grama	Vaughn, El Reno	4.0	F
Sand dropseed	VNS, Southern	2.0	S
Alkali sacaton	VNS, Southern	1.0	
Little bluestem	Cimarron, Pastura	1.5	F
Forbs:			
Firewheel (*Gaillardia*)	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	Marana, Santa Rita	1.0	D
Common winterfat	VNS, Southern	0.5	F
	Total PLS/acre	18.0	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box
VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at http://plants.usda.gov.

APPENDIX E – Custom Soil Resource Report

Custom Soil Resource Report
Soil Map



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

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

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 20, Sep 6, 2023

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BH	Berino-Cacique association, hummocky	29.8	55.4%
TF	Tonuco loamy fine sand, 0 to 3 percent slopes	23.9	44.6%
Totals for Area of Interest		**53.7**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Lea County, New Mexico

BH—Berino-Cacique association, hummocky

Map Unit Setting

National map unit symbol: dmpg
Elevation: 3,000 to 4,400 feet
Mean annual precipitation: 10 to 13 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent
Cacique and similar soils: 40 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 10 inches: fine sand
Btk - 10 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 8.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Cacique

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 7 inches: fine sand
Bt - 7 to 28 inches: sandy clay loam
Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 4 percent
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Maljamar

Percent of map unit: 3 percent
Ecological site: R077CY028TX - Limy Upland 16-21" PZ
Hydric soil rating: No

Palomas

Percent of map unit: 2 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Dune land

Percent of map unit: 1 percent
Hydric soil rating: No

TF—Tonuco loamy fine sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2tw3c
Elevation: 3,280 to 4,460 feet
Mean annual precipitation: 10 to 16 inches
Mean annual air temperature: 59 to 64 degrees F
Frost-free period: 180 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Tonuco and similar soils: 70 percent
Minor components: 30 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tonuco

Setting

Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits

Typical profile

A - 0 to 12 inches: loamy fine sand
Bw - 12 to 17 inches: loamy sand
Bkkm - 17 to 39 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 12 to 20 inches to petrocalcic
Drainage class: Excessively drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 2 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: D
Ecological site: R077DY048TX - Shallow 12-17" PZ
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 15 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Berino

Percent of map unit: 10 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Cacique

Percent of map unit: 5 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

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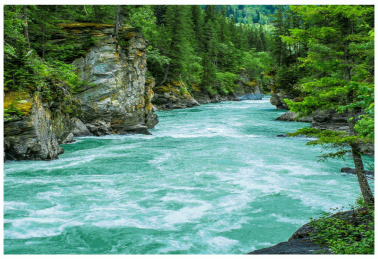
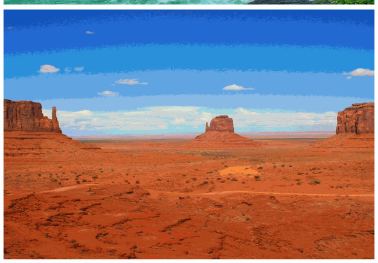
APPENDIX F – Laboratory Data Reports and Chain of Custody Forms

Report to:

Chance Dixon





5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name:	Prometheus state Com 121 H
Work Order:	E502116
Job Number:	24015-0001
Received:	2/14/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/19/25

Date Reported: 2/19/25

Chance Dixon
3101 Boyd Drive
Carlsbad, NM 88220

Project Name: Prometheus state Com 121 H
Workorder: E502116
Date Received: 2/14/2025 8:00:21AM

Chance Dixon,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/14/2025 8:00:21AM, under the Project Name: Prometheus state Com 121 H.

The analytical test results summarized in this report with the Project Name: Prometheus state Com 121 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
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Raina Schwanz
Laboratory Administrator
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Table of Contents

Sample Summary

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	02/19/25 10:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS25-01	E502116-01A	Soil	02/11/25	02/14/25	Glass Jar, 4 oz.

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/19/2025 10:19:03AM

SS25-01

E502116-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507103
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.2 %*	*70-130*	*02/14/25*	*02/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507103
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*02/14/25*	*02/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2507118
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/16/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*02/14/25*	*02/16/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507116
Chloride	ND	20.0	1	02/14/25	02/14/25	

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/19/2025 10:19:03AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507103-BLK1)									Prepared: 02/14/25 Analyzed: 02/14/25
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	*7.08*		*8.00*		*88.4*	*70-130*			
LCS (2507103-BS1)									Prepared: 02/14/25 Analyzed: 02/14/25
Benzene	5.11	0.0250	5.00		102	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.7	70-130			
Toluene	5.06	0.0250	5.00		101	70-130			
o-Xylene	4.95	0.0250	5.00		99.0	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.0	0.0250	15.0		99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.16*		*8.00*		*89.6*	*70-130*			
LCS Dup (2507103-BSD1)									Prepared: 02/14/25 Analyzed: 02/14/25
Benzene	5.02	0.0250	5.00		100	70-130	1.78	20	
Ethylbenzene	4.86	0.0250	5.00		97.1	70-130	1.62	20	
Toluene	4.96	0.0250	5.00		99.2	70-130	1.94	20	
o-Xylene	4.87	0.0250	5.00		97.4	70-130	1.62	20	
p,m-Xylene	9.87	0.0500	10.0		98.7	70-130	1.54	20	
Total Xylenes	14.7	0.0250	15.0		98.3	70-130	1.57	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.06*		*8.00*		*88.3*	*70-130*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/19/2025 10:19:03AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507103-BLK1)									Prepared: 02/14/25 Analyzed: 02/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.2*	*70-130*			
LCS (2507103-BS2)									Prepared: 02/14/25 Analyzed: 02/14/25
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.2*	*70-130*			
LCS Dup (2507103-BSD2)									Prepared: 02/14/25 Analyzed: 02/14/25
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0		90.6	70-130	6.98	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.2*	*70-130*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/19/2025 10:19:03AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507118-BLK1)									Prepared: 02/14/25 Analyzed: 02/16/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*61-141*			
LCS (2507118-BS1)									Prepared: 02/14/25 Analyzed: 02/16/25
Diesel Range Organics (C10-C28)	267	25.0	250		107	66-144			
Surrogate: n-Nonane	*56.7*		*50.0*		*113*	*61-141*			
LCS Dup (2507118-BSD1)									Prepared: 02/14/25 Analyzed: 02/16/25
Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144	2.62	20	
Surrogate: n-Nonane	*55.7*		*50.0*		*111*	*61-141*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/19/2025 10:19:03AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507116-BLK1)									Prepared: 02/14/25 Analyzed: 02/14/25
Chloride	ND	20.0							
LCS (2507116-BS1)									Prepared: 02/14/25 Analyzed: 02/14/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2507116-MS1)				**Source: E502117-07**					Prepared: 02/14/25 Analyzed: 02/14/25
Chloride	484	20.0	250	217	107	80-120			
Matrix Spike Dup (2507116-MSD1)				**Source: E502117-07**					Prepared: 02/14/25 Analyzed: 02/14/25
Chloride	480	20.0	250	217	105	80-120	0.798	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

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	02/19/25 10:19

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State				
Client:	Vertex	Company:	Tap Rock	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name:	Prometheus State Com #121H	Address:		E502116	24015.0001				X					
Project Manager:	Chance	City, State, Zip:	on file											
Address:		Phone:												
City, State, Zip:	on file	Email:												
Phone:		Miscellaneous:												
Email:	Cdixon@Vertex.Ca													

Sample Information							Analysis and Method										EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg		SDWA	CWA	RCRA	
9:00	2/11	Soil		SS25-01		1						X					Compliance	Y	or	N
																	PWSID #			
																	Remarks			

Additional Instructions:

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

Sampled by: Katrina Taylor

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/13	10:48	Michelle Gonzales	2-13-25	1048
Michelle Gonzales	2-13-25	1730		2.13.25	1730
	2.13.25	2400	Caitlin Mars	2.14.25	800

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

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 2/14/2025 1:03:41PM

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:	Vertex Resource Services Inc.	Date Received:	02/14/25 08:00	Work Order ID:	E502116
Phone:	(575) 748-0176	Date Logged In:	02/13/25 15:50	Logged In By:	Caitlin Mars
Email:	cdixon@vertexresource.com	Due Date:	02/20/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

No of containers not provided on COC.

Client Instruction

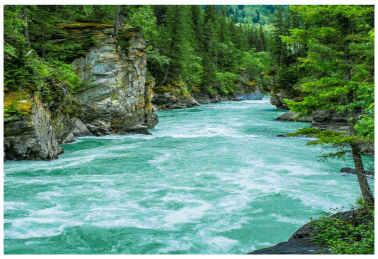
Signature of client authorizing changes to the COC or sample disposition.

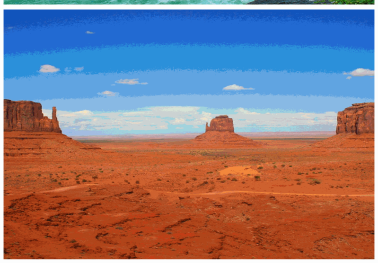
Date

envirotech Inc.

Report to:

Chance Dixon





5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name:	Prometheus state Com 121 H
Work Order:	E411253
Job Number:	24015-0001
Received:	11/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/26/24

Date Reported: 11/26/24

Chance Dixon
3101 Boyd Drive
Carlsbad, NM 88220

Project Name: Prometheus state Com 121 H
Workorder: E411253
Date Received: 11/23/2024 9:15:00AM

Chance Dixon,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/23/2024 9:15:00AM, under the Project Name: Prometheus state Com 121 H.

The analytical test results summarized in this report with the Project Name: Prometheus state Com 121 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Southern New Mexico Area

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Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/24 09:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG24-01 0'	E411253-01A	Soil	11/21/24	11/23/24	Glass Jar, 2 oz.
BG24-02 0'	E411253-02A	Soil	11/21/24	11/23/24	Glass Jar, 2 oz.
BG24-03 0'	E411253-03A	Soil	11/21/24	11/23/24	Glass Jar, 2 oz.
BG24-04 0'	E411253-04A	Soil	11/21/24	11/23/24	Glass Jar, 2 oz.
BG24-05 0'	E411253-05A	Soil	11/21/24	11/23/24	Glass Jar, 2 oz.
BG24-06 0'	E411253-06A	Soil	11/21/24	11/23/24	Glass Jar, 2 oz.
BG24-07 0'	E411253-07A	Soil	11/21/24	11/23/24	Glass Jar, 2 oz.

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/2024 9:52:03AM

BG24-01 0'

E411253-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Benzene	ND	0.0250	1	11/23/24	11/24/24	
Ethylbenzene	ND	0.0250	1	11/23/24	11/24/24	
Toluene	ND	0.0250	1	11/23/24	11/24/24	
o-Xylene	ND	0.0250	1	11/23/24	11/24/24	
p,m-Xylene	ND	0.0500	1	11/23/24	11/24/24	
Total Xylenes	ND	0.0250	1	11/23/24	11/24/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.9 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/24	11/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447128
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/24	11/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/24	11/24/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*11/23/24*	*11/24/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2448003
Chloride	ND	20.0	1	11/25/24	11/25/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/2024 9:52:03AM

BG24-02 0'

E411253-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Benzene	ND	0.0250	1	11/23/24	11/24/24	
Ethylbenzene	ND	0.0250	1	11/23/24	11/24/24	
Toluene	ND	0.0250	1	11/23/24	11/24/24	
o-Xylene	ND	0.0250	1	11/23/24	11/24/24	
p,m-Xylene	ND	0.0500	1	11/23/24	11/24/24	
Total Xylenes	ND	0.0250	1	11/23/24	11/24/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.0 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/24	11/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447128
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/24	11/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/24	11/24/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*11/23/24*	*11/24/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2448003
Chloride	ND	20.0	1	11/25/24	11/25/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/2024 9:52:03AM

BG24-03 0'

E411253-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Benzene	ND	0.0250	1	11/23/24	11/24/24	
Ethylbenzene	ND	0.0250	1	11/23/24	11/24/24	
Toluene	ND	0.0250	1	11/23/24	11/24/24	
o-Xylene	ND	0.0250	1	11/23/24	11/24/24	
p,m-Xylene	ND	0.0500	1	11/23/24	11/24/24	
Total Xylenes	ND	0.0250	1	11/23/24	11/24/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.6 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/24	11/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447128
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/24	11/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/24	11/24/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*11/23/24*	*11/24/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2448003
Chloride	ND	20.0	1	11/25/24	11/25/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/2024 9:52:03AM

BG24-04 0'

E411253-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Benzene	ND	0.0250	1	11/23/24	11/24/24	
Ethylbenzene	ND	0.0250	1	11/23/24	11/24/24	
Toluene	ND	0.0250	1	11/23/24	11/24/24	
o-Xylene	ND	0.0250	1	11/23/24	11/24/24	
p,m-Xylene	ND	0.0500	1	11/23/24	11/24/24	
Total Xylenes	ND	0.0250	1	11/23/24	11/24/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.8 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/24	11/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.9 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447128
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/24	11/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/24	11/24/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*11/23/24*	*11/24/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2448003
Chloride	ND	20.0	1	11/25/24	11/25/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/2024 9:52:03AM

BG24-05 0'

E411253-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Benzene	ND	0.0250	1	11/23/24	11/24/24	
Ethylbenzene	ND	0.0250	1	11/23/24	11/24/24	
Toluene	ND	0.0250	1	11/23/24	11/24/24	
o-Xylene	ND	0.0250	1	11/23/24	11/24/24	
p,m-Xylene	ND	0.0500	1	11/23/24	11/24/24	
Total Xylenes	ND	0.0250	1	11/23/24	11/24/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.8 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/24	11/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.7 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447128
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/24	11/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/24	11/24/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*11/23/24*	*11/24/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2448003
Chloride	ND	20.0	1	11/25/24	11/25/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/2024 9:52:03AM

BG24-06 0'

E411253-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Benzene	ND	0.0250	1	11/23/24	11/24/24	
Ethylbenzene	ND	0.0250	1	11/23/24	11/24/24	
Toluene	ND	0.0250	1	11/23/24	11/24/24	
o-Xylene	ND	0.0250	1	11/23/24	11/24/24	
p,m-Xylene	ND	0.0500	1	11/23/24	11/24/24	
Total Xylenes	ND	0.0250	1	11/23/24	11/24/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.0 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/24	11/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447128
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/24	11/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/24	11/24/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/23/24*	*11/24/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2448003
Chloride	ND	20.0	1	11/25/24	11/25/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/2024 9:52:03AM

BG24-07 0'

E411253-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Benzene	ND	0.0250	1	11/23/24	11/24/24	
Ethylbenzene	ND	0.0250	1	11/23/24	11/24/24	
Toluene	ND	0.0250	1	11/23/24	11/24/24	
o-Xylene	ND	0.0250	1	11/23/24	11/24/24	
p,m-Xylene	ND	0.0500	1	11/23/24	11/24/24	
Total Xylenes	ND	0.0250	1	11/23/24	11/24/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.7 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447131
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/24	11/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*11/23/24*	*11/24/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447128
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/24	11/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/24	11/24/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*11/23/24*	*11/24/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2448003
Chloride	ND	20.0	1	11/25/24	11/25/24	

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/2024 9:52:03AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447131-BLK1)									Prepared: 11/23/24 Analyzed: 11/24/24
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	*6.76*		*8.00*		*84.5*	*70-130*			
LCS (2447131-BS1)									Prepared: 11/23/24 Analyzed: 11/24/24
Benzene	4.72	0.0250	5.00		94.3	70-130			
Ethylbenzene	4.48	0.0250	5.00		89.5	70-130			
Toluene	4.61	0.0250	5.00		92.2	70-130			
o-Xylene	4.47	0.0250	5.00		89.3	70-130			
p,m-Xylene	9.08	0.0500	10.0		90.8	70-130			
Total Xylenes	13.5	0.0250	15.0		90.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.95*		*8.00*		*86.9*	*70-130*			
LCS Dup (2447131-BSD1)									Prepared: 11/23/24 Analyzed: 11/24/24
Benzene	4.91	0.0250	5.00		98.3	70-130	4.14	20	
Ethylbenzene	4.66	0.0250	5.00		93.2	70-130	4.03	20	
Toluene	4.81	0.0250	5.00		96.2	70-130	4.15	20	
o-Xylene	4.65	0.0250	5.00		93.0	70-130	4.03	20	
p,m-Xylene	9.46	0.0500	10.0		94.6	70-130	4.10	20	
Total Xylenes	14.1	0.0250	15.0		94.1	70-130	4.08	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.87*		*8.00*		*85.8*	*70-130*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/2024 9:52:03AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447131-BLK1)									Prepared: 11/23/24 Analyzed: 11/24/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.73*		*8.00*		*96.6*	*70-130*			
LCS (2447131-BS2)									Prepared: 11/23/24 Analyzed: 11/24/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.70*		*8.00*		*96.3*	*70-130*			
LCS Dup (2447131-BSD2)									Prepared: 11/23/24 Analyzed: 11/24/24
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.8	70-130	4.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.66*		*8.00*		*95.8*	*70-130*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/2024 9:52:03AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447128-BLK1)									Prepared: 11/23/24 Analyzed: 11/24/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.0*		*50.0*		*102*	*50-200*			
LCS (2447128-BS1)									Prepared: 11/23/24 Analyzed: 11/24/24
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	*53.5*		*50.0*		*107*	*50-200*			
LCS Dup (2447128-BSD1)									Prepared: 11/23/24 Analyzed: 11/24/24
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132	4.47	20	
Surrogate: n-Nonane	*54.9*		*50.0*		*110*	*50-200*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/2024 9:52:03AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2448003-BLK1)									Prepared: 11/25/24 Analyzed: 11/25/24
Chloride	ND	20.0							
LCS (2448003-BS1)									Prepared: 11/25/24 Analyzed: 11/25/24
Chloride	254	20.0	250		102	90-110			
LCS Dup (2448003-BSD1)									Prepared: 11/25/24 Analyzed: 11/25/24
Chloride	255	20.0	250		102	90-110	0.425	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

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	11/26/24 09:52

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

Page of

Client Information	Invoice Information	Lab Use Only		TAT				State				
Client: **Vertex (bill direct to Tap Rock)**	Company: **Tap Rock (Bill Ramsay)**	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: **Prometheus State Com #121H**	Address:	E411253	24015·0001		X			X				
Project Manager: **Chance Dixon**	City, State, Zip:											
Project Number: **23E-06064**	Phone:											
City, State, Zip: **Carlsbad, NM, 88220**	Email:											
Phone: **575-725-5001**	Miscellaneous: **Direct bill to Tap Rock ATTN: Bill Ramsay.**											
Email: **cdixon@vertexresource.com**												

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			
11:00	11.21.2024	Soil	1	BG24-01 0'		1	X	X	X		X						
11:05	11.21.2024	Soil	1	BG24-02 0'		2	X	X	X		X						
11:10	11.21.2024	Soil	1	BG24-03 0'		3	X	X	X		X						
11:15	11.21.2024	Soil	1	BG24-04 0'		4	X	X	X		X						
11:20	11.21.2024	Soil	1	BG24-05 0'		5	X	X	X		X						
11:25	11.21.2024	Soil	1	BG24-06 0'		6	X	X	X		X						
11:30	11.21.2024	Soil	1	BG24-07 0'		7	X	X	X		X						

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Remarks

Additional Instructions: Direct bill to Tap Rock ATTN: Bill Ramsay. Please email final report to cdixon@vertexresource.com, permain@vertexresource.com

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

Sampled by: John Rewis

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-22-24		Michelle Gonzales	11-22-24	1130
Michelle Gonzales	11-22-24	1615		11.22.24	1630
Andrew H.	11.22.24	2330	Caitlin Mars	11.23.24	9:15
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (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 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 11/23/2024 10:29:17AM

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:	Vertex Resource Services Inc.	Date Received:	11/23/24 09:15	Work Order ID:	E411253
Phone:	(575) 748-0176	Date Logged In:	11/22/24 14:59	Logged In By:	Noe Soto
Email:	cdixon@vertexresource.com	Due Date:	11/26/24 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Client Instruction

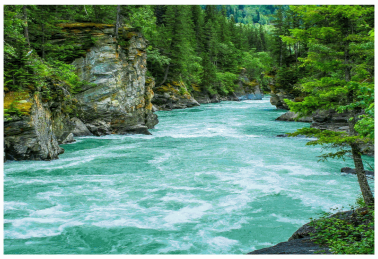
Signature of client authorizing changes to the COC or sample disposition.

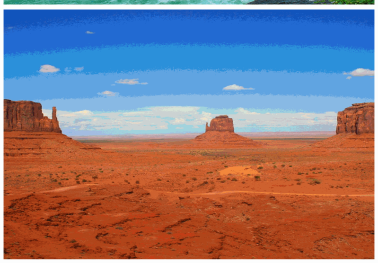
Date

envirotech Inc.

Report to:

Chance Dixon





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:	Prometheus State Com #121H
Work Order:	E402160
Job Number:	19031-0001
Received:	2/19/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/23/24

Date Reported: 2/23/24

Chance Dixon
523 Park Point Drive suite 200
Golden, CO 80401

Project Name: Prometheus State Com #121H
Workorder: E402160
Date Received: 2/19/2024 7:30:00AM

Chance Dixon,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/19/2024 7:30:00AM, under the Project Name: Prometheus State Com #121H.

The analytical test results summarized in this report with the Project Name: Prometheus State Com #121H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Prometheus State Com #121H	**Reported:**
523 Park Point Drive suite 200	Project Number:	19031-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	02/23/24 14:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
WES 24 -01 2.5 FT	E402160-01A	Soil	02/15/24	02/19/24	Glass Jar, 4 oz.
WES 24 -02 2.5 FT	E402160-02A	Soil	02/15/24	02/19/24	Glass Jar, 4 oz.
WES 24 -03 2.5FT	E402160-03A	Soil	02/15/24	02/19/24	Glass Jar, 4 oz.
WES 24 -04 2.5 FT	E402160-04A	Soil	02/15/24	02/19/24	Glass Jar, 4 oz.
WES 24 -05 2.5FT	E402160-05A	Soil	02/15/24	02/19/24	Glass Jar, 4 oz.
WES 24 -06 .5 FT	E402160-06A	Soil	02/15/24	02/19/24	Glass Jar, 4 oz.
BES24 -01 2.5 FT	E402160-07A	Soil	02/15/24	02/19/24	Glass Jar, 4 oz.
BES24 -03 2.5 FT	E402160-08A	Soil	02/15/24	02/19/24	Glass Jar, 4 oz.
BES24 -04 2.5 FT	E402160-09A	Soil	02/15/24	02/19/24	Glass Jar, 4 oz.
BES24 -05 2.5 FT	E402160-10A	Soil	02/15/24	02/19/24	Glass Jar, 4 oz.
BES24 -06 .5 FT	E402160-11A	Soil	02/15/24	02/19/24	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

WES 24 -01 2.5 FT

E402160-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Benzene	ND	0.0250	1	02/19/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/22/24	
Toluene	ND	0.0250	1	02/19/24	02/22/24	
o-Xylene	ND	0.0250	1	02/19/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.9 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408019
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/21/24	
Surrogate: n-Nonane		*84.8 %*	*50-200*	*02/19/24*	*02/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408022
Chloride	ND	20.0	1	02/19/24	02/21/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

WES 24 -02 2.5 FT

E402160-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Benzene	ND	0.0250	1	02/19/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/22/24	
Toluene	ND	0.0250	1	02/19/24	02/22/24	
o-Xylene	ND	0.0250	1	02/19/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408019
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/22/24	
Surrogate: n-Nonane		*87.3 %*	*50-200*	*02/19/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408022
Chloride	ND	20.0	1	02/19/24	02/21/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

WES 24 -03 2.5FT

E402160-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Benzene	ND	0.0250	1	02/19/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/22/24	
Toluene	ND	0.0250	1	02/19/24	02/22/24	
o-Xylene	ND	0.0250	1	02/19/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408019
Diesel Range Organics (C10-C28)	**127**	25.0	1	02/19/24	02/22/24	
Oil Range Organics (C28-C36)	**64.4**	50.0	1	02/19/24	02/22/24	
Surrogate: n-Nonane		*85.9 %*	*50-200*	*02/19/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408022
Chloride	ND	20.0	1	02/19/24	02/21/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

WES 24 -04 2.5 FT

E402160-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Benzene	ND	0.0250	1	02/19/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/22/24	
Toluene	ND	0.0250	1	02/19/24	02/22/24	
o-Xylene	ND	0.0250	1	02/19/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408019
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/22/24	
Surrogate: n-Nonane		*88.4 %*	*50-200*	*02/19/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408022
Chloride	ND	20.0	1	02/19/24	02/21/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

WES 24 -05 2.5FT

E402160-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Benzene	ND	0.0250	1	02/19/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/22/24	
Toluene	ND	0.0250	1	02/19/24	02/22/24	
o-Xylene	ND	0.0250	1	02/19/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.7 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408019
Diesel Range Organics (C10-C28)	**62.3**	25.0	1	02/19/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/22/24	
Surrogate: n-Nonane		*90.9 %*	*50-200*	*02/19/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408022
Chloride	**126**	20.0	1	02/19/24	02/21/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

WES 24 -06 .5 FT

E402160-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Benzene	ND	0.0250	1	02/19/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/22/24	
Toluene	ND	0.0250	1	02/19/24	02/22/24	
o-Xylene	ND	0.0250	1	02/19/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.8 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408019
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/22/24	
Surrogate: n-Nonane		*84.5 %*	*50-200*	*02/19/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408022
Chloride	**492**	20.0	1	02/19/24	02/21/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

BES24 -01 2.5 FT

E402160-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Benzene	ND	0.0250	1	02/19/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/22/24	
Toluene	ND	0.0250	1	02/19/24	02/22/24	
o-Xylene	ND	0.0250	1	02/19/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.5 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408019
Diesel Range Organics (C10-C28)	**32.1**	25.0	1	02/19/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/22/24	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*02/19/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408022
Chloride	**21.9**	20.0	1	02/19/24	02/21/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

BES24 -03 2.5 FT

E402160-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Benzene	ND	0.0250	1	02/19/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/22/24	
Toluene	ND	0.0250	1	02/19/24	02/22/24	
o-Xylene	ND	0.0250	1	02/19/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.7 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.7 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408019
Diesel Range Organics (C10-C28)	**137**	25.0	1	02/19/24	02/22/24	
Oil Range Organics (C28-C36)	**70.8**	50.0	1	02/19/24	02/22/24	
Surrogate: n-Nonane		*87.6 %*	*50-200*	*02/19/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408022
Chloride	**338**	20.0	1	02/19/24	02/21/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

BES24 -04 2.5 FT

E402160-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Benzene	ND	0.0250	1	02/19/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/22/24	
Toluene	ND	0.0250	1	02/19/24	02/22/24	
o-Xylene	ND	0.0250	1	02/19/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.0 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408019
Diesel Range Organics (C10-C28)	**139**	25.0	1	02/19/24	02/22/24	
Oil Range Organics (C28-C36)	**75.0**	50.0	1	02/19/24	02/22/24	
Surrogate: n-Nonane		*87.9 %*	*50-200*	*02/19/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408022
Chloride	**361**	20.0	1	02/19/24	02/21/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

BES24 -05 2.5 FT

E402160-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Benzene	ND	0.0250	1	02/19/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/22/24	
Toluene	ND	0.0250	1	02/19/24	02/22/24	
o-Xylene	ND	0.0250	1	02/19/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.0 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408019
Diesel Range Organics (C10-C28)	**82.3**	25.0	1	02/19/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/22/24	
Surrogate: n-Nonane		*93.3 %*	*50-200*	*02/19/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408022
Chloride	**1640**	20.0	1	02/19/24	02/21/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

BES24 -06 .5 FT

E402160-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Benzene	ND	0.0250	1	02/19/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/22/24	
Toluene	ND	0.0250	1	02/19/24	02/22/24	
o-Xylene	ND	0.0250	1	02/19/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.6 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.7 %*	*70-130*	*02/19/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408019
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/22/24	
Surrogate: n-Nonane		*78.5 %*	*50-200*	*02/19/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408022
Chloride	**1740**	20.0	1	02/19/24	02/21/24	

QC Summary Data

Tap Rock	Project Name:	Prometheus State Com #121H	**Reported:**
523 Park Point Drive suite 200	Project Number:	19031-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408010-BLK1)									Prepared: 02/19/24 Analyzed: 02/21/24
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	*7.44*		*8.00*		*93.0*	*70-130*			
LCS (2408010-BS1)									Prepared: 02/19/24 Analyzed: 02/21/24
Benzene	4.86	0.0250	5.00		97.3	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.7	70-130			
Toluene	4.91	0.0250	5.00		98.3	70-130			
o-Xylene	4.90	0.0250	5.00		98.0	70-130			
p,m-Xylene	9.96	0.0500	10.0		99.6	70-130			
Total Xylenes	14.9	0.0250	15.0		99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.50*		*8.00*		*93.8*	*70-130*			
Matrix Spike (2408010-MS1)				**Source: E402158-01**					Prepared: 02/19/24 Analyzed: 02/22/24
Benzene	5.21	0.0250	5.00	ND	104	54-133			
Ethylbenzene	5.26	0.0250	5.00	ND	105	61-133			
Toluene	5.25	0.0250	5.00	ND	105	61-130			
o-Xylene	5.22	0.0250	5.00	ND	104	63-131			
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131			
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.43*		*8.00*		*92.8*	*70-130*			
Matrix Spike Dup (2408010-MSD1)				**Source: E402158-01**					Prepared: 02/19/24 Analyzed: 02/22/24
Benzene	4.92	0.0250	5.00	ND	98.4	54-133	5.66	20	
Ethylbenzene	4.99	0.0250	5.00	ND	99.9	61-133	5.19	20	
Toluene	4.97	0.0250	5.00	ND	99.3	61-130	5.56	20	
o-Xylene	4.93	0.0250	5.00	ND	98.6	63-131	5.76	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	5.23	20	
Total Xylenes	15.0	0.0250	15.0	ND	99.7	63-131	5.40	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.35*		*8.00*		*91.9*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus State Com #121H	**Reported:**
523 Park Point Drive suite 200	Project Number:	19031-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408010-BLK1)									Prepared: 02/19/24 Analyzed: 02/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.9*	*70-130*			
LCS (2408010-BS2)									Prepared: 02/19/24 Analyzed: 02/21/24
Gasoline Range Organics (C6-C10)	57.7	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.80*		*8.00*		*97.5*	*70-130*			
Matrix Spike (2408010-MS2)				**Source: E402158-01**					Prepared: 02/19/24 Analyzed: 02/22/24
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.74*		*8.00*		*96.8*	*70-130*			
Matrix Spike Dup (2408010-MSD2)				**Source: E402158-01**					Prepared: 02/19/24 Analyzed: 02/22/24
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130	7.65	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.86*		*8.00*		*98.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus State Com #121H	**Reported:**
523 Park Point Drive suite 200	Project Number:	19031-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408019-BLK1)									Prepared: 02/19/24 Analyzed: 02/21/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.5*		*50.0*		*85.0*	*50-200*			
LCS (2408019-BS1)									Prepared: 02/19/24 Analyzed: 02/21/24
Diesel Range Organics (C10-C28)	226	25.0	250		90.3	38-132			
Surrogate: n-Nonane	*41.4*		*50.0*		*82.8*	*50-200*			
Matrix Spike (2408019-MS1)				**Source: E402159-06**					Prepared: 02/19/24 Analyzed: 02/21/24
Diesel Range Organics (C10-C28)	240	25.0	250	ND	95.9	38-132			
Surrogate: n-Nonane	*42.9*		*50.0*		*85.8*	*50-200*			
Matrix Spike Dup (2408019-MSD1)				**Source: E402159-06**					Prepared: 02/19/24 Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132	13.1	20	
Surrogate: n-Nonane	*49.6*		*50.0*		*99.3*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Prometheus State Com #121H	**Reported:**
523 Park Point Drive suite 200	Project Number:	19031-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	2/23/2024 2:31:02PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408022-BLK1)									Prepared: 02/19/24 Analyzed: 02/21/24
Chloride	ND	20.0							
LCS (2408022-BS1)									Prepared: 02/19/24 Analyzed: 02/21/24
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2408022-MS1)				**Source: E402159-02**					Prepared: 02/19/24 Analyzed: 02/21/24
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2408022-MSD1)				**Source: E402159-02**					Prepared: 02/19/24 Analyzed: 02/21/24
Chloride	255	20.0	250	ND	102	80-120	0.506	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:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	19031-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	02/23/24 14:31

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Taprock Resources	Company: Vertex	Lab WO# E402160	1D 2D 3D Std	NM ✓ CO UT TX
Project Name: ~~Chevron~~ Prometheus	Address: Onfile	Job Number 19031-0001		
Project Manager: State Com #121H	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email: CDixon@vertex.ca			
Phone:	Miscellaneous: C			
Email:				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
14:00	02/15/24	Soil		WES 24-01 2.5 FT		1	✓	✓	✓	✓	✓							Per. C. Dixon
14:15				WES 24-02 2.5 FT		2												
14:30				WES 24-03 2.5 FT		3												
14:45				~~WES~~ WES 24-04 2.5 FT		4				AP 2/19/24								
15:00				WES 24-05 2.5 FT		5												
15:15				WES 24-06 .5 FT		6												
15:30				BES 24-01 2.5 FT		7												
15:45				BES 24-03 2.5 FT		8												
16:00				BES 24-01 2.5 FT		9												
16:15				BES 24-05 2.5 FT		10												

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions:

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

Sampled by: Wyatt Waddish

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/16	12:34	Michelle Gaylor	2-16-24	1234 / 1045 MRG
Michelle Gaylor	2-16-24	1630	AP	2/19/24	0730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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

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

Note: Samples are discarded 14 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

Chain of Custody

Client Information	
Client:	Tappoch resources
Project Name:	~~Montire~~ Prometheus
Project Manager:	State com # 121 H
Address:	↓
City, State, Zip:	
Phone:	
Email:	

Invoice Information	
Company:	Vertex
Address:	onfile
City, State, Zip:	↓
Phone:	
Email:	CDixon@vertex.ca
Miscellaneous:	CDixon@vertex.ca

Lab Use Only: Lab WO#	Job Number	TAT: 1D	2D	3D	Std	State: NM	CO	UT	TX
E402160					✓	✓			

EPA Program: SDWA	CWA	RCRA

Compliance Y or N
PWSID #

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	~~VOC by 8260~~	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
16:45	02/15/24	Soil		BES 24-~~06~~ .5 FT		11	✓	✓	✓	~~✓~~ AP 2/19/24	✓							Per. C. Dixon

Additional Instructions:

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

Sampled by: Wyatt Wadleigh

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2/16	12:34	Michelle [signature]	2-16-24	~~1045~~ 1234 WRG
Michelle [signature]	2-16-24	1630	[signature]	2/19/24	0730

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 6C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

T1 ______ T2 ______ T3 ______

AVG Temp °C 4

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: TAP Rock Resources	Company: Vertex	Lab WO# E402160	1D 2D 3D Std ✓	NM ✓ CO UT TX
Project Name: ~~Rattlesnake~~ Prometheus	Address: On file	Job Number 19031-0001		
Project Manager: State Com #121H	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email: CDixon@vertex.ca			
Phone:	Miscellaneous: C			
Email:				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
14:00	02/15/24	Soil		WES 24-01 2.5 FT		1	✓	✓	✓	✓	✓							
14:15				WES 24-02 2.5 FT		2												
14:30				WES 24-03 2.5 FT		3												
14:45				WES 24-04 2.5 FT		4												
~~15:00~~				WES 24-05 2.5 FT		5												
16:30 ~~15:15~~				WES 24-06 .5 FT		6												
~~15:30~~				BES 24-01 2.5 FT		7												
~~15:45~~				BES 24-03 2.5 FT		8												
16:00				BES 24-04 2.5 FT		9												
16:15				BES 24-05 2.5 FT		10												

Additional Instructions:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/16	12:34	Michelle Gaylor	2-16-24	1234 / 1045
Michelle Gaylor	2-16-24	1630		2/19/24	0730

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 6C on subsequent days.

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

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

Note: Samples are discarded 14 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

Chain of Custody

Client Information	
Client:	Tappoct resources
Project Name:	~~Montire~~ Prometheus State com #121H
Project Manager:	
Address:	
City, State, Zip:	
Phone:	
Email:	

Invoice Information	
Company:	Vertex
Address:	on file
City, State, Zip:	
Phone:	
Email:	CDixon@vertex.ca
Miscellaneous:	CDixon@vertex.ca

Lab Use Only	
Lab WO#	Job Number
E402160	

TAT			
1D	2D	3D	Std
			✓

State				
NM	CO	UT	TX	
✓				

EPA Program		
SDWA	CWA	RCRA
Compliance	Y or N	
PWSID #		

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
16:45	02/15/24	Soil		BES 24-~~06~~ .5 FT		11	✓	✓	✓	✓	✓							

Additional Instructions:

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

Sampled by: Wyatt Wadleigh

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2/16	12:34	Michelle Gonzales	2-16-24	~~1045~~ 1234 MG
Michelle Gonzales	2-16-24	1630	[signature]	2/19/24	0730

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 6C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

T1 ______ T2 ______ T3 ______

AVG Temp °C 4

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Envirotech Analytical Laboratory

Printed: 2/19/2024 3:44:50PM

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:	02/19/24 07:30	Work Order ID:	E402160
Phone:	(575) 746-9547	Date Logged In:	02/19/24 08:39	Logged In By:	Angelina Pineda
Email:	cdixon@vertex.ca	Due Date:	02/23/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project name/manager was not documented on COC. C.Dixon added Project name (Prometheus State com #121H). Physical sample labels have (Prometheus A CTB & Prometheus CTB) as the project. See green COC for corrections.

Client Instruction

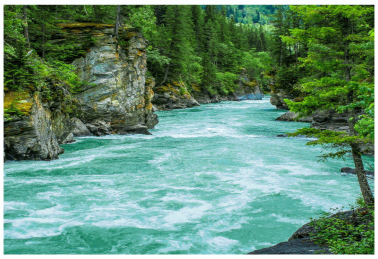
Signature of client authorizing changes to the COC or sample disposition.

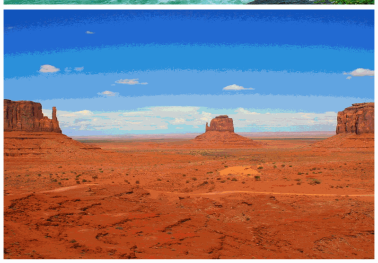
Date

envirotech Inc.

Report to:

Chance Dixon





5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Prometheus State Com #121H
Work Order:	E402171
Job Number:	24015-0001
Received:	2/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/26/24

Date Reported: 2/26/24

Chance Dixon
523 Park Point Drive suite 200
Golden, CO 80401

Project Name: Prometheus State Com #121H
Workorder: E402171
Date Received: 2/20/2024 5:30:00AM

Chance Dixon,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/20/2024 5:30:00AM, under the Project Name: Prometheus State Com #121H.

The analytical test results summarized in this report with the Project Name: Prometheus State Com #121H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Golzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Prometheus State Com #121H	**Reported:**
523 Park Point Drive suite 200	Project Number:	24015-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	02/26/24 13:14

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS24-02 4Ft	E402171-01A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
BS24 -06 1.5Ft	E402171-02A	Soil	02/19/24	02/20/24	Glass Jar, 2 oz.
WS24 -07 .5Ft	E402171-03A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
BS24 -08 1.5Ft	E402171-04A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
WS24 -08 1.5Ft	E402171-05A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
WS24 -09 1.5	E402171-06A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
BS24 -10 .5Ft	E402171-07A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
WS24 -10 .5Ft	E402171-08A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
BS24 -12 3.5	E402171-09A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
BS24 -13 3.5	E402171-10A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
WS24 -14 3.5Ft	E402171-11A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
WS24 -15 3.5	E402171-12A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

BS24-02 4Ft

E402171-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.6 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*90.4 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	**30.1**	20.0	1	02/21/24	02/22/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

BS24 -06 1.5Ft

E402171-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.8 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*94.3 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	**193**	20.0	1	02/21/24	02/22/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

WS24 -07 .5Ft

E402171-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.1 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	**33.2**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*93.8 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	**87.8**	20.0	1	02/21/24	02/22/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

BS24 -08 1.5Ft

E402171-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.8 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	**26.1**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*94.4 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	**720**	20.0	1	02/21/24	02/22/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

WS24 -08 1.5Ft

E402171-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.2 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*91.9 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	**80.2**	20.0	1	02/21/24	02/22/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

WS24 -09 1.5

E402171-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.1 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*90.3 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	ND	20.0	1	02/21/24	02/22/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

BS24 -10 .5Ft

E402171-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.0 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	**29.8**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*87.1 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	**287**	20.0	1	02/21/24	02/22/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

WS24 -10 .5Ft

E402171-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.5 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*90.6 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	ND	20.0	1	02/21/24	02/22/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

BS24 -12 3.5

E402171-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.5 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	**45.9**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*91.6 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	**535**	20.0	1	02/21/24	02/22/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

BS24 -13 3.5

E402171-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.0 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*81.8 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	**459**	20.0	1	02/21/24	02/22/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

WS24 -14 3.5Ft

E402171-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.8 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*91.9 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	**117**	20.0	1	02/21/24	02/22/24	

Sample Data

Tap Rock	Project Name:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

WS24 -15 3.5

E402171-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Benzene	ND	0.0250	1	02/20/24	02/25/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/25/24	
Toluene	ND	0.0250	1	02/20/24	02/25/24	
o-Xylene	ND	0.0250	1	02/20/24	02/25/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/25/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408036
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.6 %*	*70-130*	*02/20/24*	*02/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2408062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*59.7 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408065
Chloride	**335**	20.0	1	02/21/24	02/22/24	

QC Summary Data

Tap Rock	Project Name:	Prometheus State Com #121H	**Reported:**
523 Park Point Drive suite 200	Project Number:	24015-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408036-BLK1)									Prepared: 02/20/24 Analyzed: 02/25/24
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	*7.39*		*8.00*		*92.3*	*70-130*			
LCS (2408036-BS1)									Prepared: 02/20/24 Analyzed: 02/25/24
Benzene	4.85	0.0250	5.00		97.0	70-130			
Ethylbenzene	4.85	0.0250	5.00		97.1	70-130			
Toluene	4.84	0.0250	5.00		96.7	70-130			
o-Xylene	4.80	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.77	0.0500	10.0		97.7	70-130			
Total Xylenes	14.6	0.0250	15.0		97.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.50*		*8.00*		*93.8*	*70-130*			
Matrix Spike (2408036-MS1)				**Source: E402176-02**					Prepared: 02/20/24 Analyzed: 02/25/24
Benzene	4.67	0.0250	5.00	ND	93.3	54-133			
Ethylbenzene	4.69	0.0250	5.00	ND	93.8	61-133			
Toluene	4.65	0.0250	5.00	ND	93.1	61-130			
o-Xylene	4.65	0.0250	5.00	ND	93.0	63-131			
p,m-Xylene	9.44	0.0500	10.0	ND	94.4	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	93.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.44*		*8.00*		*93.0*	*70-130*			
Matrix Spike Dup (2408036-MSD1)				**Source: E402176-02**					Prepared: 02/20/24 Analyzed: 02/25/24
Benzene	4.79	0.0250	5.00	ND	95.7	54-133	2.56	20	
Ethylbenzene	4.79	0.0250	5.00	ND	95.9	61-133	2.16	20	
Toluene	4.77	0.0250	5.00	ND	95.3	61-130	2.41	20	
o-Xylene	4.73	0.0250	5.00	ND	94.7	63-131	1.77	20	
p,m-Xylene	9.66	0.0500	10.0	ND	96.6	63-131	2.32	20	
Total Xylenes	14.4	0.0250	15.0	ND	95.9	63-131	2.14	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.49*		*8.00*		*93.6*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus State Com #121H	**Reported:**
523 Park Point Drive suite 200	Project Number:	24015-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408036-BLK1)									Prepared: 02/20/24 Analyzed: 02/25/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.87*		*8.00*		*98.4*	*70-130*			
LCS (2408036-BS2)									Prepared: 02/20/24 Analyzed: 02/25/24
Gasoline Range Organics (C6-C10)	52.1	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.92*		*8.00*		*99.0*	*70-130*			
Matrix Spike (2408036-MS2)				**Source: E402176-02**					Prepared: 02/20/24 Analyzed: 02/25/24
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.84*		*8.00*		*98.0*	*70-130*			
Matrix Spike Dup (2408036-MSD2)				**Source: E402176-02**					Prepared: 02/20/24 Analyzed: 02/25/24
Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130	3.22	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.86*		*8.00*		*98.2*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus State Com #121H	**Reported:**
523 Park Point Drive suite 200	Project Number:	24015-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408062-BLK1)									Prepared: 02/21/24 Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.1*		*50.0*		*94.2*	*50-200*			
LCS (2408062-BS1)									Prepared: 02/21/24 Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	239	25.0	250		95.4	38-132			
Surrogate: n-Nonane	*45.8*		*50.0*		*91.7*	*50-200*			
Matrix Spike (2408062-MS1)				**Source: E402171-04**					Prepared: 02/21/24 Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	257	25.0	250	26.1	92.3	38-132			
Surrogate: n-Nonane	*44.2*		*50.0*		*88.4*	*50-200*			
Matrix Spike Dup (2408062-MSD1)				**Source: E402171-04**					Prepared: 02/21/24 Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	261	25.0	250	26.1	94.1	38-132	1.75	20	
Surrogate: n-Nonane	*44.9*		*50.0*		*89.8*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Prometheus State Com #121H	**Reported:**
523 Park Point Drive suite 200	Project Number:	24015-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	2/26/2024 1:14:14PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408065-BLK1)									Prepared: 02/21/24 Analyzed: 02/22/24
Chloride	ND	20.0							
LCS (2408065-BS1)									Prepared: 02/21/24 Analyzed: 02/22/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2408065-MS1)				**Source: E402168-02**					Prepared: 02/21/24 Analyzed: 02/22/24
Chloride	910	20.0	250	657	101	80-120			
Matrix Spike Dup (2408065-MSD1)				**Source: E402168-02**					Prepared: 02/21/24 Analyzed: 02/22/24
Chloride	913	20.0	250	657	102	80-120	0.284	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:	Prometheus State Com #121H	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	02/26/24 13:14

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Project Information | Chain of Custody | Page 1 of 2

Client: Tap Rock	Bill To
Project: onfile Prometheus State Com #121H	Attention: Vertex
Project Manager:	Address: onfile
Address:	City, State, Zip
City, State, Zip	Phone:
Phone:	Email: CDixon@Vertex.ca
Email:	
Report due by:	

Lab Use Only 24015-0021

Lab WO#	Job Number	TAT 1D	2D	3D	Standard	EPA Program CWA	SDWA	RCRA
E402171	~~19031-00018~~				✓			

State: NM ✓ | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
0900	02/16/24	Soil		BS24-02 4 Ft	1	✓	✓	✓		✓			
0915				BS24-02 1.5 Ft	2								
0930				WS24-07 .5 Ft	3								
1045				BS24-08 1.5 Ft	4								
1100				WS24-08 1.5 Ft	5								
1115				WS24-07 1.5	6								
1145				BS24-10 .5 Ft	7								
1200				WS24-10 .5 Ft	8								
1230				BS24-12 3.5	9								
1245				BS24-13 3.5	10								

Additional Instructions: email CDixon@Vertex.ca

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: Wyatt Wadeish

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2-19-24	1048	Michelle Gaugh	2.19.24	1048
Michelle Gaugh	2-19-24	1615	Andrew Hobbs	2.19.24	1730
Andrew Hobbs	2.19.24	2330	Kayla D Hall	2-20-24	0530

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

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

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

envirotech

Client: Vertex
Project: onfile Prometheus State Com #121H
Sampler: Wyatt Wadleish
Phone: Onfile
Email(s): CDixon@vertex.ca
Project Manager: Chance Dixon

RUSH? [ ] 1d [ ] 3d Std.

Lab Use Only
Lab WO#: P402171
Job Number: 24015-0001 ~~19031-0001~~ AP

Page 2 of 2

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0						Lab Number	Correct Cont/Prsrv (s) Y/N
~~Prometheus~~ ~~CTB~~ WS24-14 3.5FT	02/16/24	1300	S	Jar	✓	✓	✓	✓							
WS24-15 3.5	02/16/24	1315	S	"	✓	✓	✓	✓							

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2-19-24	1048	Michelle Gonzales [signature]	2-19-24	1048
Michelle Gonzales [signature]	2-19-24	1615	Andrew Musso [signature]	2-19-24	1730

Lab Use Only
**Received on Ice (Y) / N
T1____ T2____ T3____
AVG Temp °C 4

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

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

**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.

[ ] Sample(s) dropped off after hours to a secure drop off area.
Andrew Musso 2.19.24 2330

Chain of Custody

Notes/Billing info:

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301
Ph (505) 632-0615 Fx (505) 632-1865
Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com
laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 2/20/2024 9:51:33AM

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:	02/20/24 05:30	Work Order ID:	E402171
Phone:	(575) 746-9547	Date Logged In:	02/19/24 17:35	Logged In By:	Alexa Michaels
Email:	cdixon@vertex.ca	Due Date:	02/26/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

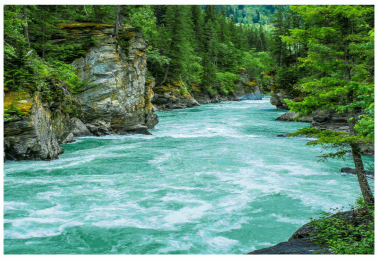
Client Instruction

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

envirotech Inc.

Report to:

Chance Dixon



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name:	23E-06064 Prometheus #121H
Work Order:	E402184
Job Number:	24015-0001
Received:	2/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/23/24

Date Reported: 2/23/24

Chance Dixon
3101 Boyd Drive
Carlsbad, NM 88220

Project Name: 23E-06064 Prometheus #121H
Workorder: E402184
Date Received: 2/21/2024 5:30:00AM

Chance Dixon,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/21/2024 5:30:00AM, under the Project Name: 23E-06064 Prometheus #121H.

The analytical test results summarized in this report with the Project Name: 23E-06064 Prometheus #121H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
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ljarboe@envirotech-inc.com

Michelle Golzales
Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	02/23/24 16:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS24-11 2ft	E402184-01A	Soil	02/19/24	02/21/24	Glass Jar, 4 oz.
WS24-11 2ft	E402184-02A	Soil	02/19/24	02/21/24	Glass Jar, 4 oz.
BS24-7 1.5ft	E402184-03A	Soil	02/19/24	02/21/24	Glass Jar, 4 oz.
BS24-9 2.75ft	E402184-04A	Soil	02/19/24	02/21/24	Glass Jar, 4 oz.
BS24-14 1.5ft	E402184-05A	Soil	02/19/24	02/21/24	Glass Jar, 4 oz.
WS24-16 1.5ft	E402184-06A	Soil	02/19/24	02/21/24	Glass Jar, 4 oz.
WS24-17 1.5ft	E402184-07A	Soil	02/19/24	02/21/24	Glass Jar, 4 oz.

Sample Data

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/23/2024 4:32:03PM

BS24-11 2ft

E402184-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Benzene	ND	0.0250	1	02/21/24	02/23/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/23/24	
Toluene	ND	0.0250	1	02/21/24	02/23/24	
o-Xylene	ND	0.0250	1	02/21/24	02/23/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/23/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/23/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.8 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408061
Diesel Range Organics (C10-C28)	**58.8**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*96.0 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408056
Chloride	**379**	20.0	1	02/21/24	02/21/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/23/2024 4:32:03PM

WS24-11 2ft

E402184-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Benzene	ND	0.0250	1	02/21/24	02/23/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/23/24	
Toluene	ND	0.0250	1	02/21/24	02/23/24	
o-Xylene	ND	0.0250	1	02/21/24	02/23/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/23/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/23/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408061
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*97.7 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408056
Chloride	**77.4**	20.0	1	02/21/24	02/21/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/23/2024 4:32:03PM

BS24-7 1.5ft

E402184-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Benzene	ND	0.0250	1	02/21/24	02/23/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/23/24	
Toluene	ND	0.0250	1	02/21/24	02/23/24	
o-Xylene	ND	0.0250	1	02/21/24	02/23/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/23/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/23/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408061
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408056
Chloride	**178**	20.0	1	02/21/24	02/21/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/23/2024 4:32:03PM

BS24-9 2.75ft

E402184-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Benzene	ND	0.0250	1	02/21/24	02/23/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/23/24	
Toluene	ND	0.0250	1	02/21/24	02/23/24	
o-Xylene	ND	0.0250	1	02/21/24	02/23/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/23/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/23/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408061
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*91.7 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408056
Chloride	**252**	20.0	1	02/21/24	02/21/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/23/2024 4:32:03PM

BS24-14 1.5ft

E402184-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Benzene	ND	0.0250	1	02/21/24	02/23/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/23/24	
Toluene	ND	0.0250	1	02/21/24	02/23/24	
o-Xylene	ND	0.0250	1	02/21/24	02/23/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/23/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/23/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408061
Diesel Range Organics (C10-C28)	**60.6**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	**56.5**	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408056
Chloride	**529**	20.0	1	02/21/24	02/21/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/23/2024 4:32:03PM

WS24-16 1.5ft

E402184-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Benzene	ND	0.0250	1	02/21/24	02/23/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/23/24	
Toluene	ND	0.0250	1	02/21/24	02/23/24	
o-Xylene	ND	0.0250	1	02/21/24	02/23/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/23/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/23/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408061
Diesel Range Organics (C10-C28)	**34.8**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408056
Chloride	**139**	20.0	1	02/21/24	02/21/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/23/2024 4:32:03PM

WS24-17 1.5ft

E402184-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Benzene	ND	0.0250	1	02/21/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/22/24	
Toluene	ND	0.0250	1	02/21/24	02/22/24	
o-Xylene	ND	0.0250	1	02/21/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*02/21/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408050
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*02/21/24*	*02/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408061
Diesel Range Organics (C10-C28)	**69.9**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408056
Chloride	**759**	20.0	1	02/21/24	02/22/24	

QC Summary Data

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/23/2024 4:32:03PM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408050-BLK1)									Prepared: 02/21/24 Analyzed: 02/23/24
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	*6.66*		*8.00*		*83.2*	*70-130*			
LCS (2408050-BS1)									Prepared: 02/21/24 Analyzed: 02/22/24
Benzene	4.40	0.0250	5.00		88.0	70-130			
Ethylbenzene	4.57	0.0250	5.00		91.4	70-130			
Toluene	4.59	0.0250	5.00		91.7	70-130			
o-Xylene	4.65	0.0250	5.00		93.0	70-130			
p,m-Xylene	9.36	0.0500	10.0		93.6	70-130			
Total Xylenes	14.0	0.0250	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		*8.00*		*96.4*	*70-130*			
Matrix Spike (2408050-MS1)				**Source: E402184-01**					Prepared: 02/21/24 Analyzed: 02/22/24
Benzene	4.33	0.0250	5.00	ND	86.6	54-133			
Ethylbenzene	4.53	0.0250	5.00	ND	90.6	61-133			
Toluene	4.54	0.0250	5.00	ND	90.7	61-130			
o-Xylene	4.59	0.0250	5.00	ND	91.7	63-131			
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	63-131			
Total Xylenes	13.9	0.0250	15.0	ND	92.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.98*		*8.00*		*99.8*	*70-130*			
Matrix Spike Dup (2408050-MSD1)				**Source: E402184-01**					Prepared: 02/21/24 Analyzed: 02/22/24
Benzene	4.03	0.0250	5.00	ND	80.7	54-133	7.11	20	
Ethylbenzene	4.24	0.0250	5.00	ND	84.8	61-133	6.58	20	
Toluene	4.24	0.0250	5.00	ND	84.7	61-130	6.84	20	
o-Xylene	4.30	0.0250	5.00	ND	85.9	63-131	6.54	20	
p,m-Xylene	8.69	0.0500	10.0	ND	86.9	63-131	6.37	20	
Total Xylenes	13.0	0.0250	15.0	ND	86.6	63-131	6.42	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.6*	*70-130*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/23/2024 4:32:03PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408050-BLK1)									Prepared: 02/21/24 Analyzed: 02/23/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			
LCS (2408050-BS2)									Prepared: 02/21/24 Analyzed: 02/23/24
Gasoline Range Organics (C6-C10)	54.2	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			
Matrix Spike (2408050-MS2)				**Source: E402184-01**					Prepared: 02/21/24 Analyzed: 02/23/24
Gasoline Range Organics (C6-C10)	52.1	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2408050-MSD2)				**Source: E402184-01**					Prepared: 02/21/24 Analyzed: 02/23/24
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130	2.01	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.7*	*70-130*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/23/2024 4:32:03PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408061-BLK1)									Prepared: 02/21/24 Analyzed: 02/21/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*50-200*			
LCS (2408061-BS1)									Prepared: 02/21/24 Analyzed: 02/21/24
Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132			
Surrogate: n-Nonane	*49.4*		*50.0*		*98.8*	*50-200*			
Matrix Spike (2408061-MS1)				**Source: E402141-05**					Prepared: 02/21/24 Analyzed: 02/21/24
Diesel Range Organics (C10-C28)	427	25.0	250	108	128	38-132			
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*50-200*			
Matrix Spike Dup (2408061-MSD1)				**Source: E402141-05**					Prepared: 02/21/24 Analyzed: 02/21/24
Diesel Range Organics (C10-C28)	403	25.0	250	108	118	38-132	5.80	20	
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*50-200*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	2/23/2024 4:32:03PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408056-BLK1)									Prepared: 02/21/24 Analyzed: 02/21/24
Chloride	ND	20.0							
LCS (2408056-BS1)									Prepared: 02/21/24 Analyzed: 02/21/24
Chloride	263	20.0	250		105	90-110			
Matrix Spike (2408056-MS1)				**Source: E402177-03**					Prepared: 02/21/24 Analyzed: 02/21/24
Chloride	380	20.0	250	123	102	80-120			
Matrix Spike Dup (2408056-MSD1)				**Source: E402177-03**					Prepared: 02/21/24 Analyzed: 02/21/24
Chloride	388	20.0	250	123	106	80-120	2.27	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

Vertex Resource Services Inc.	Project Name:	23E-06064 Prometheus #121H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	02/23/24 16:32

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Client: Vertex / TOP ROCK
Project: 23E-06064 Prometheus #121H
Sampler: Wyatt Wadleigh
Phone: 575 988 1472
Email(s): CDixon@vertex.ca cc: wwadleigh@vertex.ca
Project Manager: Chance Dixon

RUSH?
☐ 1d
☑ 3d

Lab Use Only
Lab WO# ~~P~~E402184
Job Number 24013-0001 ~~19031-0001 AP~~

Page 1 of 1

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0	Lab Number	Correct Cont/Prsrv (s) Y/N
BS24-11 2 ft	02/17/24	11:00	Soil	4 OZ JARS	√	√	√	√		
WS24-11 2ft		11:15								
BS 24-7 1.5 FT		11:30								
BS 24-9 2.75 ft		11:45								
BS 24-14 1.5 FT		12:00								
WS 24-16 1.5 FT		12:15								
WS 24-17 1.5 FT		12:30								

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/20	1045	Michelle Gaytan	2-20-24	1045
Michelle Gaytan	2-20-2024	1615	Andrew Hobbs	2-20-24	1700

Lab Use Only
**Received on Ice Y / N
T1____ T2____ T3____
AVG Temp °C 4

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

**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.

☒ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody
Andrew Hobbs 2.20-24 2400 Kaylyn R Hall 2/21/24 0530

Notes/Billing info: CC: wyatt wadleigh

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com
laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 2/21/2024 9:07:08AM

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:	Vertex Resource Services Inc.	Date Received:	02/21/24 05:30	Work Order ID:	E402184
Phone:	(575) 748-0176	Date Logged In:	02/20/24 15:59	Logged In By:	Alexa Michaels
Email:	cdixon@vertex.ca	Due Date:	02/23/24 17:00 (2 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Analysis -TPH by EPA 8015 not 418.1

Client Instruction

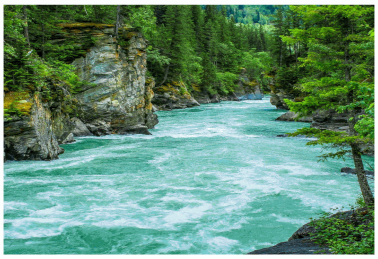
Signature of client authorizing changes to the COC or sample disposition.

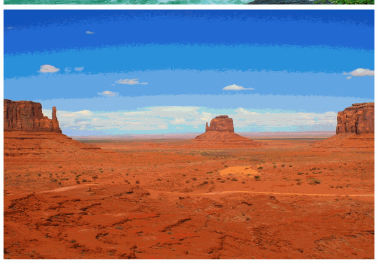
Date

envirotech Inc.

Report to:

Chance Dixon





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:	Prometheus CTB
Work Order:	E403003
Job Number:	24015-0001
Received:	3/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/5/24

Date Reported: 3/5/24

Chance Dixon
523 Park Point Drive suite 200
Golden, CO 80401

Project Name: Prometheus CTB
Workorder: E403003
Date Received: 3/4/2024 8:45:00AM

Chance Dixon,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/4/2024 8:45:00AM, under the Project Name: Prometheus CTB.

The analytical test results summarized in this report with the Project Name: Prometheus 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Prometheus CTB	**Reported:**
523 Park Point Drive suite 200	Project Number:	24015-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	03/05/24 14:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
WS24-03 3FT	E403003-01A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
BS24-04 3FT	E403003-02A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
BS24-06 2.5FT	E403003-03A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
BS24-03 3	E403003-04A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Prometheus CTB	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	3/5/2024 2:37:27PM

WS24-03 3FT

E403003-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2410006
Benzene	ND	0.0250	1	03/04/24	03/04/24	
Ethylbenzene	ND	0.0250	1	03/04/24	03/04/24	
Toluene	ND	0.0250	1	03/04/24	03/04/24	
o-Xylene	ND	0.0250	1	03/04/24	03/04/24	
p,m-Xylene	ND	0.0500	1	03/04/24	03/04/24	
Total Xylenes	ND	0.0250	1	03/04/24	03/04/24	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*03/04/24*	*03/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2410006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/24	03/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*03/04/24*	*03/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2410002
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/24	03/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/24	03/04/24	
Surrogate: n-Nonane		*91.9 %*	*50-200*	*03/04/24*	*03/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2410013
Chloride	ND	20.0	1	03/04/24	03/04/24	

Sample Data

Tap Rock	Project Name:	Prometheus CTB	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	3/5/2024 2:37:27PM

BS24-04 3FT

E403003-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2410006
Benzene	ND	0.0250	1	03/04/24	03/04/24	
Ethylbenzene	ND	0.0250	1	03/04/24	03/04/24	
Toluene	ND	0.0250	1	03/04/24	03/04/24	
o-Xylene	ND	0.0250	1	03/04/24	03/04/24	
p,m-Xylene	ND	0.0500	1	03/04/24	03/04/24	
Total Xylenes	ND	0.0250	1	03/04/24	03/04/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*03/04/24*	*03/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2410006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/24	03/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*03/04/24*	*03/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2410002
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/24	03/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/24	03/04/24	
Surrogate: n-Nonane		*94.9 %*	*50-200*	*03/04/24*	*03/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2410013
Chloride	ND	20.0	1	03/04/24	03/04/24	

Sample Data

Tap Rock	Project Name:	Prometheus CTB	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	3/5/2024 2:37:27PM

BS24-06 2.5FT

E403003-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2410006
Benzene	ND	0.0250	1	03/04/24	03/04/24	
Ethylbenzene	ND	0.0250	1	03/04/24	03/04/24	
Toluene	ND	0.0250	1	03/04/24	03/04/24	
o-Xylene	ND	0.0250	1	03/04/24	03/04/24	
p,m-Xylene	ND	0.0500	1	03/04/24	03/04/24	
Total Xylenes	ND	0.0250	1	03/04/24	03/04/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*03/04/24*	*03/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2410006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/24	03/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*03/04/24*	*03/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2410002
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/24	03/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/24	03/04/24	
Surrogate: n-Nonane		*93.1 %*	*50-200*	*03/04/24*	*03/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2410013
Chloride	**57.3**	20.0	1	03/04/24	03/04/24	

Sample Data

Tap Rock	Project Name:	Prometheus CTB	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	3/5/2024 2:37:27PM

BS24-03 3

E403003-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2410006
Benzene	ND	0.0250	1	03/04/24	03/04/24	
Ethylbenzene	ND	0.0250	1	03/04/24	03/04/24	
Toluene	ND	0.0250	1	03/04/24	03/04/24	
o-Xylene	ND	0.0250	1	03/04/24	03/04/24	
p,m-Xylene	ND	0.0500	1	03/04/24	03/04/24	
Total Xylenes	ND	0.0250	1	03/04/24	03/04/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*03/04/24*	*03/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2410006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/24	03/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*03/04/24*	*03/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2410002
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/24	03/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/24	03/04/24	
Surrogate: n-Nonane		*89.8 %*	*50-200*	*03/04/24*	*03/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2410013
Chloride	ND	20.0	1	03/04/24	03/04/24	

QC Summary Data

Tap Rock	Project Name:	Prometheus CTB	**Reported:**
523 Park Point Drive suite 200	Project Number:	24015-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	3/5/2024 2:37:27PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2410006-BLK1)									Prepared: 03/04/24 Analyzed: 03/04/24
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	*7.77*		*8.00*		*97.1*	*70-130*			
LCS (2410006-BS1)									Prepared: 03/04/24 Analyzed: 03/04/24
Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.88	0.0250	5.00		97.6	70-130			
Toluene	5.00	0.0250	5.00		100	70-130			
o-Xylene	4.94	0.0250	5.00		98.9	70-130			
p,m-Xylene	9.97	0.0500	10.0		99.7	70-130			
Total Xylenes	14.9	0.0250	15.0		99.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.78*		*8.00*		*97.2*	*70-130*			
Matrix Spike (2410006-MS1)				**Source: E403003-02**					Prepared: 03/04/24 Analyzed: 03/04/24
Benzene	5.13	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.11	0.0250	5.00	ND	102	61-130			
o-Xylene	5.05	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*97.1*	*70-130*			
Matrix Spike Dup (2410006-MSD1)				**Source: E403003-02**					Prepared: 03/04/24 Analyzed: 03/04/24
Benzene	5.05	0.0250	5.00	ND	101	54-133	1.49	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.1	61-133	1.46	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	1.55	20	
o-Xylene	4.97	0.0250	5.00	ND	99.5	63-131	1.52	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	1.57	20	
Total Xylenes	15.0	0.0250	15.0	ND	99.9	63-131	1.55	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.85*		*8.00*		*98.2*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus CTB	**Reported:**
523 Park Point Drive suite 200	Project Number:	24015-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	3/5/2024 2:37:27PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2410006-BLK1)									Prepared: 03/04/24 Analyzed: 03/04/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			
LCS (2410006-BS2)									Prepared: 03/04/24 Analyzed: 03/04/24
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.4*	*70-130*			
Matrix Spike (2410006-MS2)				**Source: E403003-02**					Prepared: 03/04/24 Analyzed: 03/04/24
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.58*		*8.00*		*94.7*	*70-130*			
Matrix Spike Dup (2410006-MSD2)				**Source: E403003-02**					Prepared: 03/04/24 Analyzed: 03/04/24
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0	ND	95.1	70-130	0.528	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.7*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus CTB	**Reported:**
523 Park Point Drive suite 200	Project Number:	24015-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	3/5/2024 2:37:27PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2410002-BLK1)									Prepared: 03/04/24 Analyzed: 03/05/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.2*		*50.0*		*90.3*	*50-200*			
LCS (2410002-BS1)									Prepared: 03/04/24 Analyzed: 03/04/24
Diesel Range Organics (C10-C28)	224	25.0	250		89.7	38-132			
Surrogate: n-Nonane	*45.8*		*50.0*		*91.7*	*50-200*			
Matrix Spike (2410002-MS1)				**Source: E403003-03**					Prepared: 03/04/24 Analyzed: 03/04/24
Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.0	38-132			
Surrogate: n-Nonane	*50.9*		*50.0*		*102*	*50-200*			
Matrix Spike Dup (2410002-MSD1)				**Source: E403003-03**					Prepared: 03/04/24 Analyzed: 03/04/24
Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.7	38-132	1.33	20	
Surrogate: n-Nonane	*50.1*		*50.0*		*100*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Prometheus CTB	**Reported:**
523 Park Point Drive suite 200	Project Number:	24015-0001	
Golden CO, 80401	Project Manager:	Chance Dixon	3/5/2024 2:37:27PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2410013-BLK1)									Prepared: 03/04/24 Analyzed: 03/04/24
Chloride	ND	20.0							
LCS (2410013-BS1)									Prepared: 03/04/24 Analyzed: 03/04/24
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2410013-MS1)				**Source: E403003-03**					Prepared: 03/04/24 Analyzed: 03/04/24
Chloride	318	20.0	250	57.3	104	80-120			
Matrix Spike Dup (2410013-MSD1)				**Source: E403003-03**					Prepared: 03/04/24 Analyzed: 03/04/24
Chloride	341	20.0	250	57.3	114	80-120	7.05	20	

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

Definitions and Notes

Tap Rock	Project Name:	Prometheus CTB	
523 Park Point Drive suite 200	Project Number:	24015-0001	**Reported:**
Golden CO, 80401	Project Manager:	Chance Dixon	03/05/24 14:37

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Client: Tap Rock Resources
Project: Prometheus CTB
Sampler: Wyatt Wadleigh
Phone: 575 988 1472
Email(s): CDixon@Vertex.ca
Project Manager: Chance Dixon

RUSH? ☑ 1d ☐ 3d

Page 1 of 1

Lab Use Only	
Lab WO#	E403003
Job Number	24015-0001

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0						Lab Number	Correct Cont/Prsrv (s) Y/N
				Analysis and Method										lab Only	
WS 24-03 3FT	03/29/24	11:30	Soil	4oz Jars	✓	✓	✓	✓						1	
BS 24-04 3FT		15:15												2	
BS 24-06 2.5FT		11:15												3	
BS 24-03 3		15:00												4	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Wyatt W.			Michelle Gaye	3-1-24	1100
Michelle Gaye	3-1-24	1723	Andrew Musso	3.1.24	1745

Lab Use Only
**Received on Ice Y / N
T1_____ T2_____ T3_____
AVG Temp °C 4

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody
Andrew Musso 3.1.24 2300 3/4/24 8:45

Notes/Billing info:

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 3/4/2024 12:37:52PM

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:	03/04/24 08:45	Work Order ID:	E403003
Phone:	(303) 862-3400	Date Logged In:	03/01/24 17:11	Logged In By:	Jessica Liesse
Email:	cdixon@vertex.ca	Due Date:	03/04/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

COC has analysis TPH by EPA 418.1, this is a typo and analysis requested is TPH by EPA 8015.

Client Instruction

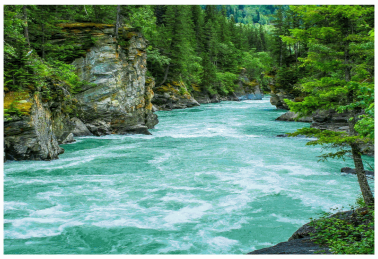
Signature of client authorizing changes to the COC or sample disposition.

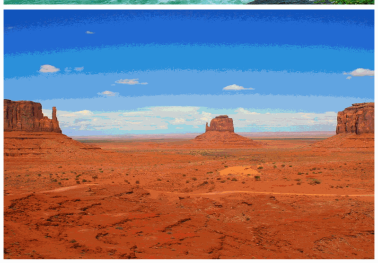
Date

envirotech Inc.

Report to:

Chance Dixon





5796 U.S. Hwy 64
Farmington, NM 87401

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

NELAP ACCREDITED TNI LABORATORY

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name:	Prometheus state Com 121 H
Work Order:	E403043
Job Number:	24015-0001
Received:	3/6/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/18/24

Date Reported: 3/18/24

Chance Dixon
3101 Boyd Drive
Carlsbad, NM 88220

Project Name: Prometheus state Com 121 H
Workorder: E403043
Date Received: 3/6/2024 8:00:00AM

Chance Dixon,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/6/2024 8:00:00AM, under the Project Name: Prometheus state Com 121 H.

The analytical test results summarized in this report with the Project Name: Prometheus state Com 121 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	03/18/24 10:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
WS 24 -19 2.5 FT	E403043-01A	Soil	03/01/24	03/06/24	Glass Jar, 2 oz.
BS 24 -14 2.5 FT	E403043-02A	Soil	03/01/24	03/06/24	Glass Jar, 2 oz.
BS 24 -05 3.5 FT	E403043-03A	Soil	03/01/24	03/06/24	Glass Jar, 2 oz.
BS 24 -08 2 FT	E403043-04A	Soil	03/01/24	03/06/24	Glass Jar, 2 oz.

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	3/18/2024 10:00:44AM

WS 24 -19 2.5 FT

E403043-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2410063
Benzene	ND	0.0250	1	03/06/24	03/06/24	
Ethylbenzene	ND	0.0250	1	03/06/24	03/06/24	
Toluene	ND	0.0250	1	03/06/24	03/06/24	
o-Xylene	ND	0.0250	1	03/06/24	03/06/24	
p,m-Xylene	ND	0.0500	1	03/06/24	03/06/24	
Total Xylenes	ND	0.0250	1	03/06/24	03/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*03/06/24*	*03/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2410063
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/24	03/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.5 %*	*70-130*	*03/06/24*	*03/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2410059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/06/24	03/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/06/24	03/06/24	
Surrogate: n-Nonane		*86.7 %*	*50-200*	*03/06/24*	*03/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2410065
Chloride	ND	20.0	1	03/06/24	03/06/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	3/18/2024 10:00:44AM

BS 24 -14 2.5 FT

E403043-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2410063
Benzene	ND	0.0250	1	03/06/24	03/06/24	
Ethylbenzene	ND	0.0250	1	03/06/24	03/06/24	
Toluene	ND	0.0250	1	03/06/24	03/06/24	
o-Xylene	ND	0.0250	1	03/06/24	03/06/24	
p,m-Xylene	ND	0.0500	1	03/06/24	03/06/24	
Total Xylenes	ND	0.0250	1	03/06/24	03/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*03/06/24*	*03/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2410063
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/24	03/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.7 %*	*70-130*	*03/06/24*	*03/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2410059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/06/24	03/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/06/24	03/06/24	
Surrogate: n-Nonane		*84.7 %*	*50-200*	*03/06/24*	*03/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2410065
Chloride	**145**	20.0	1	03/06/24	03/06/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	3/18/2024 10:00:44AM

BS 24 -05 3.5 FT

E403043-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2410063
Benzene	ND	0.0250	1	03/06/24	03/06/24	
Ethylbenzene	ND	0.0250	1	03/06/24	03/06/24	
Toluene	ND	0.0250	1	03/06/24	03/06/24	
o-Xylene	ND	0.0250	1	03/06/24	03/06/24	
p,m-Xylene	ND	0.0500	1	03/06/24	03/06/24	
Total Xylenes	ND	0.0250	1	03/06/24	03/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*03/06/24*	*03/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2410063
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/24	03/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.5 %*	*70-130*	*03/06/24*	*03/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2410059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/06/24	03/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/06/24	03/06/24	
Surrogate: n-Nonane		*89.0 %*	*50-200*	*03/06/24*	*03/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2410065
Chloride	**562**	20.0	1	03/06/24	03/06/24	

Sample Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	3/18/2024 10:00:44AM

BS 24 -08 2 FT

E403043-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2410063
Benzene	ND	0.0250	1	03/06/24	03/06/24	
Ethylbenzene	ND	0.0250	1	03/06/24	03/06/24	
Toluene	ND	0.0250	1	03/06/24	03/06/24	
o-Xylene	ND	0.0250	1	03/06/24	03/06/24	
p,m-Xylene	ND	0.0500	1	03/06/24	03/06/24	
Total Xylenes	ND	0.0250	1	03/06/24	03/06/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*03/06/24*	*03/06/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2410063
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/24	03/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.5 %*	*70-130*	*03/06/24*	*03/06/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2410059
Diesel Range Organics (C10-C28)	ND	25.0	1	03/06/24	03/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/06/24	03/06/24	
Surrogate: n-Nonane		*79.3 %*	*50-200*	*03/06/24*	*03/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2410065
Chloride	**488**	20.0	1	03/06/24	03/06/24	

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	3/18/2024 10:00:44AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2410063-BLK1)									Prepared: 03/06/24 Analyzed: 03/06/24
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	*7.87*		*8.00*		*98.4*	*70-130*			
LCS (2410063-BS1)									Prepared: 03/06/24 Analyzed: 03/06/24
Benzene	5.21	0.0250	5.00		104	70-130			
Ethylbenzene	5.06	0.0250	5.00		101	70-130			
Toluene	5.20	0.0250	5.00		104	70-130			
o-Xylene	5.14	0.0250	5.00		103	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*98.0*	*70-130*			
Matrix Spike (2410063-MS1)				**Source: E403043-02**					Prepared: 03/06/24 Analyzed: 03/06/24
Benzene	5.21	0.0250	5.00	ND	104	54-133			
Ethylbenzene	5.04	0.0250	5.00	ND	101	61-133			
Toluene	5.19	0.0250	5.00	ND	104	61-130			
o-Xylene	5.12	0.0250	5.00	ND	102	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.90*		*8.00*		*98.8*	*70-130*			
Matrix Spike Dup (2410063-MSD1)				**Source: E403043-02**					Prepared: 03/06/24 Analyzed: 03/06/24
Benzene	5.54	0.0250	5.00	ND	111	54-133	6.10	20	
Ethylbenzene	5.36	0.0250	5.00	ND	107	61-133	6.10	20	
Toluene	5.52	0.0250	5.00	ND	110	61-130	6.12	20	
o-Xylene	5.46	0.0250	5.00	ND	109	63-131	6.34	20	
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131	6.08	20	
Total Xylenes	16.4	0.0250	15.0	ND	109	63-131	6.17	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.89*		*8.00*		*98.6*	*70-130*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	3/18/2024 10:00:44AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2410063-BLK1)									Prepared: 03/06/24 Analyzed: 03/06/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.98*		*8.00*		*87.3*	*70-130*			
LCS (2410063-BS2)									Prepared: 03/06/24 Analyzed: 03/06/24
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0		93.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.06*		*8.00*		*88.3*	*70-130*			
Matrix Spike (2410063-MS2)				**Source: E403043-02**					Prepared: 03/06/24 Analyzed: 03/06/24
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.13*		*8.00*		*89.1*	*70-130*			
Matrix Spike Dup (2410063-MSD2)				**Source: E403043-02**					Prepared: 03/06/24 Analyzed: 03/06/24
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0	ND	88.6	70-130	2.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.16*		*8.00*		*89.6*	*70-130*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	3/18/2024 10:00:44AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2410059-BLK1)									Prepared: 03/06/24 Analyzed: 03/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.1*		*50.0*		*94.1*	*50-200*			
LCS (2410059-BS1)									Prepared: 03/06/24 Analyzed: 03/06/24
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	*47.5*		*50.0*		*95.0*	*50-200*			
Matrix Spike (2410059-MS1)				**Source: E403021-03**					Prepared: 03/06/24 Analyzed: 03/06/24
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	38-132			
Surrogate: n-Nonane	*44.8*		*50.0*		*89.7*	*50-200*			
Matrix Spike Dup (2410059-MSD1)				**Source: E403021-03**					Prepared: 03/06/24 Analyzed: 03/06/24
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.4	38-132	1.10	20	
Surrogate: n-Nonane	*43.5*		*50.0*		*87.0*	*50-200*			

QC Summary Data

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	**Reported:**
3101 Boyd Drive	Project Number:	24015-0001	
Carlsbad NM, 88220	Project Manager:	Chance Dixon	3/18/2024 10:00:44AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2410065-BLK1)									Prepared: 03/06/24 Analyzed: 03/06/24
Chloride	ND	20.0							
LCS (2410065-BS1)									Prepared: 03/06/24 Analyzed: 03/06/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2410065-MS1)				**Source: E403043-04**					Prepared: 03/06/24 Analyzed: 03/06/24
Chloride	811	20.0	250	488	129	80-120			M2
Matrix Spike Dup (2410065-MSD1)				**Source: E403043-04**					Prepared: 03/06/24 Analyzed: 03/06/24
Chloride	677	20.0	250	488	75.7	80-120	18.0	20	M2

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

Definitions and Notes

Vertex Resource Services Inc.	Project Name:	Prometheus state Com 121 H	
3101 Boyd Drive	Project Number:	24015-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Chance Dixon	03/18/24 10:00

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

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

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

Project Information | Chain of Custody | Page 1 of 1

Client: ~~Ensolum~~ Vertex	
Project: Prometheus State Com 121H	
Project Manager: Chance Dixon	
Address: On file	
City, State, Zip ↓	
Phone: 575-988-1472	
Email: CDixon@vertex.ca	
Report due by:	

Bill To

Attention: Tap Rock	
Address: On file	
City, State, Zip ↓	
Phone: ↓	
Email:	

Lab Use Only

Lab WO#	Job Number
E403043	24015-0001

TAT

1D	2D	3D	Standard
✓			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
✓					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
12:30	03/01/24	Soil		WS 24-17 2.5 FT	1	✓	✓	✓		✓							
10:45	03/01/24	↓		BS 24-14 2.5 FT	2	↓	↓	↓		↓							
10:00	↓	↓		BS 24-05 3.5 FT	3	↓	↓	↓		↓							
19:00	↓	↓		BS 24-08 2 FT	4	↓	↓	↓		↓							

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	03/05/24	10:15	[signature]	3-5-24	1015
[signature]	3-5-24	1610	[signature]	3-5-24	1700
[signature]	3-5-24	2330	[signature]	3/6/24	0800

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

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 3/6/2024 4:28:23PM

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:	Vertex Resource Services Inc.	Date Received:	03/06/24 08:00	Work Order ID:	E403043
Phone:	(575) 748-0176	Date Logged In:	03/05/24 16:14	Logged In By:	Angelina Pineda
Email:	cdixon@vertex.ca	Due Date:	03/06/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

No. of sample containers not documented on COC by client.

Client Instruction

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

Date

envirotech Inc.

Project Information | Chain of Custody | Page 1 of 1

Client: ~~Ensolum~~ Vertex	Bill To	Lab Use Only	TAT / EPA Program
Project: Pipe Thing State Com 121H	Attention: Tat Rock	Lab WO# E403043	Job Number 24015-0001
Project Manager: Chance Dixon	Address: Onsite	1D ✓	2D	3D	Standard
Address: Onsite	City, State, Zip	CWA	SDWA
City, State, Zip ↓	Phone:	RCRA
Phone: 575-988-1172	Email:	State: NM ✓ CO UT AZ TX
Email: CDixon@vertex.ca	
Report due by:	

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
12:30	03/01/24	Soil		WS 24-19 ~~17~~ 2.5 FT	1	✓	✓	✓		✓			per C. Dixon
10:45	03/01/24	"		BS 24-14 2.5 FT	2	"	"	"		"			3/18/24
10:00	"	"		BS 24-05 3.5 FT	3	"	"	"		"			
14:00	"	"		BS 24-08 2 FT	4	"	"	"		"			

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
W.	03/05/24	10:15	Michelle Gaylor	3-5-24	1015
Michelle Gaylor	3-5-24	1610	Andrew Mesa	3-5-24	1700
Andrew Mesa	3-5-24	2330	Alex	3/6/24	0800

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

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

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

envirotech

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Phone: (505) 476-3441

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

QUESTIONS

Operator: Jonah Energy LLC 370 17th Street Denver, CO 80202	OGRID: 333010
	Action Number: 477148
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2336273011**
Incident Name	**NAPP2336273011 JACKSON UNIT FLOWLINE @ 30-025-48742**
Incident Type	**Produced Water Release**
Incident Status	**Reclamation Report Received**
Incident Well	**[30-025-48742] JACKSON UNIT #821H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Jackson Unit Flowline
Date Release Discovered	12/27/2023
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Flow Line - Production | Produced Water | Released: 82 BBL | Recovered: 30 BBL | Lost: 52 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: Jonah Energy LLC 370 17th Street Denver, CO 80202	OGRID: 333010
	Action Number: 477148
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Bill Ramsey Title: Regulatory Analyst Email: bramsey@taprk.com Date: 01/08/2024

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QUESTIONS (continued)

Operator: Jonah Energy LLC 370 17th Street Denver, CO 80202	OGRID: 333010
	Action Number: 477148
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 200 and 300 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	3360
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	15600
GRO+DRO (EPA SW-846 Method 8015M)	12550
BTEX (EPA SW-846 Method 8021B or 8260B)	226.6
Benzene (EPA SW-846 Method 8021B or 8260B)	16.8
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	02/15/2024
On what date will (or did) the final sampling or liner inspection occur	03/01/2024
On what date will (or was) the remediation complete(d)	03/01/2024
What is the estimated surface area (in square feet) that will be reclaimed	3315
What is the estimated volume (in cubic yards) that will be reclaimed	313
What is the estimated surface area (in square feet) that will be remediated	3315
What is the estimated volume (in cubic yards) that will be remediated	313
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Jonah Energy LLC 370 17th Street Denver, CO 80202	OGRID: 333010
	Action Number: 477148
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	*Not answered.*
OR which OCD approved well (API) will be used for **off-site** disposal	30-025-48742 JACKSON UNIT #821H
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
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.	
I hereby agree and sign off to the above statement	Name: Chance Dixon Title: Project Manager Email: cdixon@vertex.ca Date: 03/25/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Jonah Energy LLC 370 17th Street Denver, CO 80202	OGRID: 333010
	Action Number: 477148
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: Jonah Energy LLC 370 17th Street Denver, CO 80202	OGRID: 333010
	Action Number: 477148
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**319020**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**03/04/2024**
What was the (estimated) number of samples that were to be gathered	**15**
What was the sampling surface area in square feet	**3000**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3315
What was the total volume (cubic yards) remediated	313
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	3315
What was the total volume (in cubic yards) reclaimed	313
Summarize any additional remediation activities not included by answers (above)	No additional remedial activities were required. The excavation was conducted to the extents of the known contamination from delineation and confirmation sampling affirmed the removal of it.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Chance Dixon Title: Project Manager Email: cdixon@vertex.ca Date: 03/25/2024

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QUESTIONS (continued)

Operator: Jonah Energy LLC 370 17th Street Denver, CO 80202	OGRID: 333010
	Action Number: 477148
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	3315
What was the total volume of replacement material (in cubic yards) for this site	313
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	04/13/2025
Summarize any additional reclamation activities not included by answers (above)	Reclamation and seeding was completed on April 13, 2025
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.	
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.	
I hereby agree and sign off to the above statement	Name: Chance Dixon Title: Project Manager Vertex Email: cdixon@vertexresource.com Date: 06/19/2025

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QUESTIONS (continued)

Operator:	OGRID:
Jonah Energy LLC 370 17th Street Denver, CO 80202	333010
	Action Number: 477148
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Operator: Jonah Energy LLC 370 17th Street Denver, CO 80202	OGRID: 333010
	Action Number: 477148
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your reclamation report for Incident #NAPP2336273011 Jackson Unit Flowline, thank you. The reclamation report is approved.	9/5/2025