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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	APP2107529251
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

	esponsible Party TapRock Operating LLC. OGRID 372			243			
Contact Name Christian Combs Combs			Contact Te	Contact Telephone (720) 360-4028			
Contact ema	Contact email ccombs@taprk.com				Incident #	(assigned by OCD) AP	P2107529251
Contact mail	ling address	523 Park Point l	Dr #200		Golden, C	O, 80401	
			Locatio	n of R	elease So	MITCE	
			Locatio				
atitude 32. 0	00285		(NAD 83 in 6		Longitude - grees to 5 decim	103.83296 nal places)	
Site Name N	allad I4 Fad	I Com #224					
					Site Type V		
Date Release	Discovered	3/8/21			API# (if app	licable)	
			_		~	,	
Unit Letter	Section	Township	Range		Coun	ty	
В	36	Township 26S Federal T	Range 30E Tribal Private Nature as	`)
B urface Owne	36 r: ☐ State Materia	26S	30E Tribal □ Private Nature an all that apply and atta	(Name: _	ume of I	Release justification for the volu	
B urface Owne	36 r: State Materia	26S Federal T	30E Tribal Private Nature an all that apply and atta ed (bbls) 2	(Name: _	ume of I	Release justification for the volu Volume Recovere	d (bbls) 2
B urface Owne	36 r: State Materia	26S Federal T Il(s) Released (Select and Volume Released Vol	30E Tribal Private Nature and all that apply and attaced (bbls) 2 ed (bbls) 7	(Name: _	ume of I	Release justification for the volu	d (bbls) 2
B urface Owne	36 r: State Materia	26S Federal T T T T T T T T T T	30E Tribal Private Nature and all that apply and attaced (bbls) 2 ed (bbls) 7 attion of dissolved	(Name: _	ume of I	Release justification for the volu Volume Recovere	d (bbls) 2
B urface Owne	36 r: State Materia l Water	26S Federal T T T T T T T T T T	30E Tribal Private Nature and all that apply and attaced (bbls) 2 ed (bbls) 7 attion of dissolved to >10,000 mg/l?	(Name: _	ume of I	Release justification for the volu Volume Recovere	d (bbls) 2 d (bbls) 7
B urface Owne Crude Oi	36 r: State Materia Water tte	26S Federal T	Nature and all that apply and attaced (bbls) 2 ed (bbls) 7 ation of dissolved to 10,000 mg/l? ed (bbls)	(Name: _	ume of I	Release justification for the volution Volume Recoveree Volume Recoveree Yes No	d (bbls) 2 d (bbls) 7 d (bbls)
B urface Owne □ Crude Oi □ Produced □ Condensa	36 r: State Material Water ate Gas	26S Federal T Il(s) Released (Select a) Volume Release Volume Release Is the concentrate produced water to volume Release Volume Release to volume Rel	Nature and all that apply and attaced (bbls) 2 ed (bbls) 7 ation of dissolved to 10,000 mg/l? ed (bbls)	nd Vol	ume of I	Release justification for the volution volume Recoveree Volume Recoveree Yes No Volume Recoveree Volume Recoveree	d (bbls) 2 d (bbls) 7 d (bbls)

Received by OCD: 11/16/2021 4:18:38 PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

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Was this a major If release as defined by	YES, for what reason(s) does the respon	sible party consider this a major release?
19.15.29.7(A) NMAC?		
☐ Yes ⊠ No		
If VES, was immediate notice	ce given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
ir 125, was ininectate notic	to given to the OCD: By whom: 10 wh	oni: when and by what means (phone, eman, etc):
	Initial Re	esponse
The responsible part	ty must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury
☐ The source of the release	e has been stopped.	
☐ The impacted area has b	been secured to protect human health and	the environment.
Released materials have	been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.
	overable materials have been removed and	
If all the actions described al	bove have <u>not</u> been undertaken, explain v	why:
has begun, please attach a n	narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred clease attach all information needed for closure evaluation.
regulations all operators are req public health or the environmen failed to adequately investigate	quired to report and/or file certain release noting. The acceptance of a C-141 report by the O and remediate contamination that pose a three	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger oCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: _Christian C	Combs	Title: _EHSR Manager
Signature:	_	Date: 11/16/2021
email: _ccombs@taprk.con	n	Telephone:(720) 360-4028
OCD Only		
Received by:		Date:

	Page 3 of 4	1
Incident ID	APP2107529251	
District RP		
Facility ID		
Application ID		

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>100 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas not on an exploration, development, production, or storage site?	✓ Yes ☐ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody	ls.

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	tifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name: Christian Combs	Title: EHSR Manager
Signature:	11/16/2021 Date:
email:ccombs@taprk.com	Telephone: (720) 360-4028
	•
OCD Only	
Received by:	Date:

Incident ID APP2107529251

District RP

Facility ID

Application ID

Closure

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

Closure Report Attachment Checklist: Each of the following	ng items must be incl	uded in the closure report.
A scaled site and sampling diagram as described in 19.15.2	29.11 NMAC	
Photographs of the remediated site prior to backfill or phomust be notified 2 days prior to liner inspection)	otos of the liner integr	ity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate 0	ODC District office m	ust be notified 2 days prior to final sampling)
☑ Description of remediation activities		
I hereby certify that the information given above is true and con and regulations all operators are required to report and/or file ce may endanger public health or the environment. The acceptance should their operations have failed to adequately investigate and human health or the environment. In addition, OCD acceptance compliance with any other federal, state, or local laws and/or regrestore, reclaim, and re-vegetate the impacted surface area to the accordance with 19.15.29.13 NMAC including notification to the	ertain release notificate of a C-141 report by dremediate contaminate of a C-141 report dogulations. The resport conditions that exist	ons and perform corrective actions for releases which the OCD does not relieve the operator of liability tion that pose a threat to groundwater, surface water, es not relieve the operator of responsibility for sible party acknowledges they must substantially ed prior to the release or their final land use in
Printed Name: Christian Combs	Title:	EHSR Manager
Signature:	11/16/2 Date: ———	2021
email:ccombs@taprk.com	Telephone:	(720) 360-4028
OCD Only		
Received by: Chad Hensley	Date:	2/20/2021
Closure approval by the OCD does not relieve the responsible paremediate contamination that poses a threat to groundwater, surfaparty of compliance with any other federal, state, or local laws a	ace water, human heal	
Closure Approved by:	Date: _	12/20/2021
Printed Name: Chad Hensley	Title: _	Environmental Specialist Advanced



Soil Assessment and Remediation Work Plan:

Nailed It Fed Com #234 Incident # nAPP2107529251

Prepared For:

Tap Rock Resources, LLC. Golden, CO

Prepared By:

CDH Consulting Thornton, CO



Subject: Soil Assessment and Closure Report

Nailed It Fed Com #234 Incident # nAPP2107529251

To Whom it May Concern,

Tap Rock Resources LLC (Tap Rock) has contracted CDH Consulting LLC (CDH) to preform appropriate remediation services at the Cypress 34B CTB (Site). The results of our soil assessment and proposed remediation activities are described in the following pages. As a result of the site remediation activities, Tap Rock is requesting Closure and no further action on Incident Number APP2116533180.

SITE INFORMATION

The release at the Site is located approximately 20 miles Southeast of Malaga New Mexico (NM), in Unit B, Section 36, Township 26S, Range 30E, Eddy County, NM.

On March 8, 2021, a flowline failed, resulting in the release of 2 barrels (bbls) of crude oil and 7 bbls of produced water onto the surrounding well pad. The location of the release is shown on Figure 1. Upon discovery, crews arrived onsite to recover and freestanding fluids. Approximately 2 bbls of crude oil and 7 bbls of produced water was recovered.

Tap Rock submitted a form C-141 on April 12, 2021 and was assigned Incident Number nAPP2116533180.

GROUNDWATER AND SITE RANKING

The closest significant watercourse is an unnamed riverine located approximately 700 feet northwest of the release location.

Based on the closest groundwater well to the Site, USGS groundwater well 320125103514701, located approximately 2.5 miles northwest of the Site, depth to groundwater is 117 feet below ground surface (bgs). This well was most recently measured in October 1987. There are three other relevant groundwater wells in the area within 5.75 miles of the site, the most recently measured well, USGS well 320016103434201, was measured in January 1998 and was determined to have a depth to water of 183 feet bgs.

As outlined in Table 1 of 19.15.29.12 NMAC, the applicable Closer Criteria for the Site is as follows;

10 mg/kg Benzene

50 mg/kg
 Total BTEX (Benzene, Toluene, Ethylbenzene, Total Xylenes)

1,000 mg/kg GRO + DRO
 2,500 mg/kg Total TPH
 20,000 mg/kg Chlorides



SITE INVESTIGATION AND EXCAVATION

After delays due to ongoing drilling and flow-back operations at the Site, on June 1, 2021 CDH employees visited the Site to visually assess the impact of the crude oil and produced water release. Impacted soil was removed initially at the time of release by hydrovac, then additionally with a backhoe. Approximately 209 cubic yards of impacted soil were excavated and transported to R360 Environmental Solutions, a licensed disposal facility. The field excavation crew visually inspected the impacted area to determine the extent of the release. CDH employee then returned to the Site on September 9, 2021 in order to collect confirmation soil samples inside the release extent to confirm all impacted soil was removed. Photos of the site during sampling are included as Attachment 1.

A total of 5 samples were collected in the impacted area, as shown on Figure 1, and analyzed for chlorides, total petroleum hydrocarbons (TPH) including gasoline range organics (GRO), diesel range organics (DRO), and motor oil/lube organics (MRO), benzene, toluene, ethylbenzene, total xylenes (BTEX). Laboratory analytical results are summarized in Table 1 and laboratory data is included as Attachment 2. Sample results were compared to 19.15.29.12(C) (4) NMAC, Table I, Depth to ground water greater than 100 feet. At the completion of excavation, all samples were compliant with Closure Criteria. At the completion of excavation activities, no samples were above Table I standards.

CONCLUSION

The final excavation extent was approximately 209 cubic yards of impacted soil. At the completion of soil remediation efforts, all five samples were compliant with the Closure Criteria for the Site. The location has been backfilled with clean soil and graded with the rest of the production pad.



ATTACHMENT 1

Site Photos

Viewing Direction: Southeast



Sample Site, West of wellhead

Viewing Direction: North



Samples taken slightly to the West of wellhead



ATTACHMENT 2

Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-1239-1

Laboratory Sample Delivery Group: Eddy County

Client Project/Site: Nailed It 234H

For:

CDH Consulting 9446 Clermont St, Thornton, Colorado 80229

Attn: Chris Del Hierro

Tungvara

Authorized for release by: 9/15/2021 4:59:05 PM

Irene Vann, Project Manager (210)509-3334

irené.vann@eurofinset.com

.....Links

Review your project results through

Total Access

Have a Question?



Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 12/20/2021 11:10:49 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: CDH Consulting

Project/Site: Nailed It 234H

Laboratory Job ID: 890-1239-1 SDG: Eddy County

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Definitions/Glossary

Job ID: 890-1239-1 Client: CDH Consulting Project/Site: Nailed It 234H SDG: Eddy County

Qualifiers

GC VOA

Qualifier **Qualifier Description** S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

S1+ Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) ML Most Probable Number MPN MQL Method Quantitation Limit

Not Calculated NC

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent Positive / Present POS

PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project/Site: Nailed It 234H

Job ID: 890-1239-1
SDG: Eddy County

Job ID: 890-1239-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-1239-1

Receipt

The samples were received on 9/9/2021 3:58 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0° C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: 234H-West (890-1239-4). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: 234H-North (890-1239-1) and (LCS 880-7797/2-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Lab Sample ID: 890-1239-1

Client: CDH Consulting Job ID: 890-1239-1 Project/Site: Nailed It 234H SDG: Eddy County

Client Sample ID: 234H-North

Date Collected: 09/09/21 12:10 Date Received: 09/09/21 15:58

Sample Depth: 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/13/21 10:18	09/13/21 23:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/13/21 10:18	09/13/21 23:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/13/21 10:18	09/13/21 23:09	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/13/21 10:18	09/13/21 23:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/13/21 10:18	09/13/21 23:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/13/21 10:18	09/13/21 23:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/13/21 10:18	09/13/21 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				09/13/21 10:18	09/13/21 23:09	1
1,4-Difluorobenzene (Surr)	110		70 ₋ 130				09/13/21 10:18	09/13/21 23:09	1

e Organics (D	RO) (GC)							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.8	U	49.8		mg/Kg		09/13/21 09:36	09/13/21 11:49	1
<49.8	U	49.8		mg/Kg		09/13/21 09:36	09/13/21 11:49	1
<49.8	U	49.8		mg/Kg		09/13/21 09:36	09/13/21 11:49	1
<49.8	U	49.8		mg/Kg		09/13/21 09:36	09/13/21 11:49	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
120		70 - 130				09/13/21 09:36	09/13/21 11:49	1
	Result <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49	Result Qualifier C49.8 U C49.8	Result Qualifier RL <49.8	Result Qualifier RL MDL <49.8	Result Qualifier RL MDL Unit <49.8	Result Qualifier RL MDL Unit D <49.8	Result Qualifier RL MDL Unit D Prepared <49.8	Result Qualifier RL MDL Unit D Prepared Analyzed <49.8

Method: 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result Qua	lifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	20.7	4.99		mg/Kg			09/15/21 02:52	1		

70 - 130

Client Sample ID: 234H-East Lab Sample ID: 890-1239-2 Date Collected: 09/09/21 12:15

135 S1+

Date Received: 09/09/21 15:58

Sample Depth: 1

o-Terphenyl

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/13/21 23:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/13/21 23:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/13/21 23:30	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/13/21 10:18	09/13/21 23:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/13/21 10:18	09/13/21 23:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/13/21 10:18	09/13/21 23:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/13/21 23:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				09/13/21 10:18	09/13/21 23:30	1
1,4-Difluorobenzene (Surr)	112		70 - 130				09/13/21 10:18	09/13/21 23:30	1

Eurofins Xenco, Carlsbad

Matrix: Solid

Lab Sample ID: 890-1239-2

Client Sample Results

Client: CDH Consulting Job ID: 890-1239-1 Project/Site: Nailed It 234H SDG: Eddy County

Client Sample ID: 234H-East

Date Collected: 09/09/21 12:15 Date Received: 09/09/21 15:58

Sample Depth: 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/13/21 09:36	09/13/21 12:52	1
Total TPH	<50.0	U	50.0		mg/Kg		09/13/21 09:36	09/13/21 12:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/13/21 09:36	09/13/21 12:52	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/21 09:36	09/13/21 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				09/13/21 09:36	09/13/21 12:52	1
o-Terphenyl	129		70 - 130				09/13/21 09:36	09/13/21 12:52	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
			5.01		mg/Kg			09/15/21 02:58	

Client Sample ID: 234H-South Lab Sample ID: 890-1239-3 Matrix: Solid

Date Collected: 09/09/21 12:20 Date Received: 09/09/21 15:58

Method: 8021B - Volatile Organic Compounds (GC)

Sample Depth: 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/13/21 23:50	•
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/13/21 23:50	•
Toluene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/13/21 23:50	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/13/21 10:18	09/13/21 23:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/13/21 10:18	09/13/21 23:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/13/21 10:18	09/13/21 23:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/13/21 23:50	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	121		70 - 130				09/13/21 10:18	09/13/21 23:50	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/13/21 10:18	09/13/21 23:50	1
Analyte Gasoline Range Organics	<49.9	U	49.9		mg/Kg		09/13/21 09:36	Analyzed 09/13/21 13:13	-
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/13/21 09:36	09/13/21 13:13	1
Total TPH	<49.9	U	49.9		mg/Kg		09/13/21 09:36	09/13/21 13:13	
Diesel Range Organics (Over	<49.9		49.9		mg/Kg		09/13/21 09:36	09/13/21 13:13	
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/13/21 09:36	09/13/21 13:13	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	108		70 - 130				09/13/21 09:36	09/13/21 13:13	
o-Terphenyl	124		70 - 130				09/13/21 09:36	09/13/21 13:13	
<u>.</u>	omatography -	Soluble							
Method: 300.0 - Anions, Ion Chro				MDI	1114	D	Duamanad	A II	Dil Fac
Method: 300.0 - Anions, Ion Chro Analyte	Result	Qualifier	RL	MDL	Unit	U	Prepared	Analyzed	DII Fac

Lab Sample ID: 890-1239-4

Client Sample Results

Client: CDH Consulting Job ID: 890-1239-1 Project/Site: Nailed It 234H SDG: Eddy County

Client Sample ID: 234H-West

Date Collected: 09/09/21 12:25 Date Received: 09/09/21 15:58

Sample Depth: 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/13/21 10:18	09/14/21 00:11	1
Ethylbenzene	0.00369		0.00200		mg/Kg		09/13/21 10:18	09/14/21 00:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/21 10:18	09/14/21 00:11	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/13/21 10:18	09/14/21 00:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/13/21 10:18	09/14/21 00:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/13/21 10:18	09/14/21 00:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/21 10:18	09/14/21 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				09/13/21 10:18	09/14/21 00:11	1
1,4-Difluorobenzene (Surr)	87		70 - 130				09/13/21 10:18	09/14/21 00:11	1

Method: 8015B NM - Diesel Rang									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/13/21 09:36	09/13/21 13:34	1
Total TPH	<49.9	U	49.9		mg/Kg		09/13/21 09:36	09/13/21 13:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/13/21 09:36	09/13/21 13:34	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/13/21 09:36	09/13/21 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				09/13/21 09:36	09/13/21 13:34	1

	o-Terphenyl	145	S1+	70 - 130				09/13/21 09:36	09/13/21 13:34	1
Method: 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte I	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	17.8		4.97		mg/Kg			09/15/21 03:20	1

Client Sample ID: 234H-Base

Date Collected: 09/09/21 12:30

Date Received: 09/09/21 15:58

Sample Depth: 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/14/21 00:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/14/21 00:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/14/21 00:31	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/13/21 10:18	09/14/21 00:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/13/21 10:18	09/14/21 00:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/13/21 10:18	09/14/21 00:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/13/21 10:18	09/14/21 00:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				09/13/21 10:18	09/14/21 00:31	1
1,4-Difluorobenzene (Surr)	103		70 ₋ 130				09/13/21 10:18	09/14/21 00:31	1

Lab Sample ID: 890-1239-5

Matrix: Solid

Lab Sample ID: 890-1239-5

Client Sample Results

Client: CDH Consulting Job ID: 890-1239-1 Project/Site: Nailed It 234H SDG: Eddy County

Client Sample ID: 234H-Base

Date Collected: 09/09/21 12:30 Date Received: 09/09/21 15:58

Sample Depth: 1

Method: 8015B NM - Diesel Rang	je Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/13/21 09:36	09/13/21 13:56	1
Total TPH	<49.8	U	49.8		mg/Kg		09/13/21 09:36	09/13/21 13:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/13/21 09:36	09/13/21 13:56	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/13/21 09:36	09/13/21 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/13/21 09:36	09/13/21 13:56	1
o-Terphenyl	119		70 - 130				09/13/21 09:36	09/13/21 13:56	1
- Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.8		4.95		mg/Kg			09/15/21 03:26	1

Surrogate Summary

Client: CDH Consulting Job ID: 890-1239-1 Project/Site: Nailed It 234H SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1239-1	234H-North	113	110	
890-1239-2	234H-East	113	112	
890-1239-3	234H-South	121	96	
890-1239-4	234H-West	132 S1+	87	
890-1239-5	234H-Base	110	103	
LCS 880-7802/1-A	Lab Control Sample	98	98	
LCSD 880-7802/2-A	Lab Control Sample Dup	98	99	
MB 880-7802/5-A	Method Blank	124	109	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1001	OTPH1	
ıb Sample ID	Client Sample ID	(70-130)	(70-130)	
)-1239-1	234H-North	120	135 S1+	
0-1239-1 MS	234H-North	114	118	
0-1239-1 MSD	234H-North	111	116	
)-1239-2	234H-East	111	129	
-1239-3	234H-South	108	124	
-1239-4	234H-West	126	145 S1+	
-1239-5	234H-Base	110	119	
8 880-7797/2-A	Lab Control Sample	127	131 S1+	
SD 880-7797/3-A	Lab Control Sample Dup	116	118	
880-7797/1-A	Method Blank	102	111	

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: CDH Consulting Project/Site: Nailed It 234H

Job ID: 890-1239-1 SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-7802/5-A

Matrix: Solid

Analysis Batch: 7820

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7802

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/13/21 10:18	09/13/21 17:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/21 10:18	09/13/21 17:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/21 10:18	09/13/21 17:06	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/13/21 10:18	09/13/21 17:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/13/21 10:18	09/13/21 17:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/13/21 10:18	09/13/21 17:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/21 10:18	09/13/21 17:06	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	09/13/21 10:18	09/13/21 17:06	1
1,4-Difluorobenzene (Surr)	109		70 - 130	09/13/21 10:18	09/13/21 17:06	1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-7802/1-A **Matrix: Solid**

Analysis Batch: 7820

						Prep Type: Total/NA
						Prep Batch: 7802
Spike	LCS	LCS				%Rec.
Added	Result	Qualifier	Unit	D	%Rec	Limits

Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	 0.100	0.09562		mg/Kg		96	70 - 130	
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130	
Toluene	0.100	0.09515		mg/Kg		95	70 - 130	
m-Xylene & p-Xylene	0.200	0.1829		mg/Kg		91	70 - 130	
o-Xylene	0.100	0.09161		mg/Kg		92	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	98	70 - 130
1.4-Difluorobenzene (Surr)	98	70 - 130

Lab Sample ID: LCSD 880-7802/2-A

Matrix: Solid

Analysis Batch: 7820

Client	Sample	D: Lab	Control	Sample	Dup

Prep Type: Total/NA

Prep Batch: 7802

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09300		mg/Kg		93	70 - 130	3	35
Ethylbenzene	0.100	0.09909		mg/Kg		99	70 - 130	3	35
Toluene	0.100	0.1019		mg/Kg		102	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1777		mg/Kg		89	70 - 130	3	35
o-Xylene	0.100	0.09112		mg/Kg		91	70 - 130	1	35

LCSD LCSD

Surrogate	%Recovery Qua	lifier Limits
4-Bromofluorobenzene (Surr)	98	70 - 130
1.4-Difluorobenzene (Surr)	99	70 - 130

QC Sample Results

Client: CDH Consulting Job ID: 890-1239-1 Project/Site: Nailed It 234H SDG: Eddy County

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-7797/1-A

Matrix: Solid

Analysis Batch: 7790

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7797

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		09/13/21 09:36	09/13/21 10:45	1
(GRO)-C6-C10									
Total TPH	<50.0	U	50.0		mg/Kg		09/13/21 09:36	09/13/21 10:45	1
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		09/13/21 09:36	09/13/21 10:45	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/21 09:36	09/13/21 10:45	1

мв мв

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	09/13/21 09:36	09/13/21 10:45	1
o-Terphenyl	111		70 - 130	09/13/21 09:36	09/13/21 10:45	1

Lab Sample ID: LCS 880-7797/2-A

Matrix: Solid

Analysis Batch: 7790

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7797

LCS LCS Spike %Rec. Added Result Qualifier Analyte Unit %Rec Limits Gasoline Range Organics 1000 985.0 99 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1022 mg/Kg 102 70 - 130 C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	131	S1+	70 - 130

Lab Sample ID: LCSD 880-7797/3-A

Matrix: Solid

Analysis Batch: 7790

Client Sa	ample ID:	Lah C	ontrol S	amnle	Dun
Ciletit 3	alliple id.	Lab C	unu u u	allible	Dub

Prep Type: Total/NA

Prep Batch: 7797

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1017		mg/Kg		102	70 - 130	3	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	916.9		mg/Kg		92	70 - 130	11	20
C10-C28)									

	LCSD	LUSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: 890-1239-1 MS

Matrix: Solid

Analysis Batch: 7790

Client	Sample	ID: 2	34H-Nor	th

Prep Type: Total/NA

Prep Batch: 7797

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1009		mg/Kg		101	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1009		mg/Kg		98	70 - 130	

Client: CDH Consulting Project/Site: Nailed It 234H

Job ID: 890-1239-1 SDG: Eddy County

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-1239-1 MS Client Sample ID: 234H-North

Matrix: Solid

Analysis Batch: 7790

Prep Type: Total/NA Prep Batch: 7797

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 114 70 - 130 o-Terphenyl 118 70 - 130

Lab Sample ID: 890-1239-1 MSD Client Sample ID: 234H-North

Matrix: Solid

Analysis Batch: 7790

Prep Type: Total/NA

Prep Batch: 7797

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.8	U	999	997.1		mg/Kg		100	70 - 130	1	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.8	U	999	998.3		mg/Kg		97	70 - 130	1	20
C10-C28)											

MSD MSD

Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 111 116 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-7767/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 7831

мв мв

Analyte Result Qualifier RL MDL Unit D Prepared Dil Fac Analyzed Chloride 5.00 <5.00 U mg/Kg 09/15/21 02:07

Lab Sample ID: LCS 880-7767/2-A Client Sample ID: Lab Control Sample **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 7831

Spike LCS LCS %Rec. Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 260.5 mg/Kg 104 90 - 110

Lab Sample ID: LCSD 880-7767/3-A

Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 7831

Spike LCSD LCSD %Rec. RPD Result Qualifier Added Analyte Unit %Rec Limits RPD Limit Chloride 250 261.1 mg/Kg 104 90 - 110 20

QC Association Summary

Client: CDH Consulting Job ID: 890-1239-1 Project/Site: Nailed It 234H SDG: Eddy County

GC VOA

Prep Batch: 7802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1239-1	234H-North	Total/NA	Solid	5035	
890-1239-2	234H-East	Total/NA	Solid	5035	
890-1239-3	234H-South	Total/NA	Solid	5035	
890-1239-4	234H-West	Total/NA	Solid	5035	
890-1239-5	234H-Base	Total/NA	Solid	5035	
MB 880-7802/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7802/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7802/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 7820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1239-1	234H-North	Total/NA	Solid	8021B	7802
890-1239-2	234H-East	Total/NA	Solid	8021B	7802
890-1239-3	234H-South	Total/NA	Solid	8021B	7802
890-1239-4	234H-West	Total/NA	Solid	8021B	7802
890-1239-5	234H-Base	Total/NA	Solid	8021B	7802
MB 880-7802/5-A	Method Blank	Total/NA	Solid	8021B	7802
LCS 880-7802/1-A	Lab Control Sample	Total/NA	Solid	8021B	7802
LCSD 880-7802/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7802

GC Semi VOA

Analysis Batch: 7790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1239-1	234H-North	Total/NA	Solid	8015B NM	7797
890-1239-2	234H-East	Total/NA	Solid	8015B NM	7797
890-1239-3	234H-South	Total/NA	Solid	8015B NM	7797
890-1239-4	234H-West	Total/NA	Solid	8015B NM	7797
890-1239-5	234H-Base	Total/NA	Solid	8015B NM	7797
MB 880-7797/1-A	Method Blank	Total/NA	Solid	8015B NM	7797
LCS 880-7797/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	7797
LCSD 880-7797/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	7797
890-1239-1 MS	234H-North	Total/NA	Solid	8015B NM	7797
890-1239-1 MSD	234H-North	Total/NA	Solid	8015B NM	7797

Prep Batch: 7797

Released to Imaging: 12/20/2021 11:10:49 AM

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1239-1	234H-North	Total/NA	Solid	8015NM Prep	
890-1239-2	234H-East	Total/NA	Solid	8015NM Prep	
890-1239-3	234H-South	Total/NA	Solid	8015NM Prep	
890-1239-4	234H-West	Total/NA	Solid	8015NM Prep	
890-1239-5	234H-Base	Total/NA	Solid	8015NM Prep	
MB 880-7797/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-7797/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-7797/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1239-1 MS	234H-North	Total/NA	Solid	8015NM Prep	
890-1239-1 MSD	234H-North	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: CDH Consulting
Project/Site: Nailed It 234H

Job ID: 890-1239-1
SDG: Eddy County

HPLC/IC

Leach Batch: 7767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1239-1	234H-North	Soluble	Solid	DI Leach	
890-1239-2	234H-East	Soluble	Solid	DI Leach	
890-1239-3	234H-South	Soluble	Solid	DI Leach	
890-1239-4	234H-West	Soluble	Solid	DI Leach	
890-1239-5	234H-Base	Soluble	Solid	DI Leach	
MB 880-7767/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-7767/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-7767/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 7831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1239-1	234H-North	Soluble	Solid	300.0	7767
890-1239-2	234H-East	Soluble	Solid	300.0	7767
890-1239-3	234H-South	Soluble	Solid	300.0	7767
890-1239-4	234H-West	Soluble	Solid	300.0	7767
890-1239-5	234H-Base	Soluble	Solid	300.0	7767
MB 880-7767/1-A	Method Blank	Soluble	Solid	300.0	7767
LCS 880-7767/2-A	Lab Control Sample	Soluble	Solid	300.0	7767
LCSD 880-7767/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	7767

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Client: CDH Consulting Job ID: 890-1239-1 Project/Site: Nailed It 234H SDG: Eddy County

Client Sample ID: 234H-North

Date Collected: 09/09/21 12:10 Date Received: 09/09/21 15:58

Lab Sample ID: 890-1239-1

Matrix: Solid

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7802	09/13/21 10:18	KL	XEN MID
Total/NA	Analysis	8021B		1	7820	09/13/21 23:09	KL	XEN MID
Total/NA	Prep	8015NM Prep			7797	09/13/21 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1	7790	09/13/21 11:49	AJ	XEN MID
Soluble	Leach	DI Leach			7767	09/10/21 14:24	CH	XEN MID
Soluble	Analysis	300.0		1	7831	09/15/21 02:52	CH	XEN MID

Client Sample ID: 234H-East

Date Collected: 09/09/21 12:15 Date Received: 09/09/21 15:58

Lab Sample ID: 890-1239-2

Matrix: Solid

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 7802 09/13/21 10:18 KL XEN MID Total/NA 8021B XEN MID Analysis 7820 09/13/21 23:30 1 KL Total/NA Prep 8015NM Prep 09/13/21 09:36 XEN MID 7797 DM Total/NA 8015B NM XEN MID Analysis 7790 09/13/21 12:52 ΑJ Soluble XEN MID Leach DI Leach 7767 09/10/21 14:24 СН 300.0 XEN MID Soluble Analysis 1 7831 09/15/21 02:58 CH

Client Sample ID: 234H-South Lab Sample ID: 890-1239-3

Date Collected: 09/09/21 12:20 Date Received: 09/09/21 15:58

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7802	09/13/21 10:18	KL	XEN MID
Total/NA	Analysis	8021B		1	7820	09/13/21 23:50	KL	XEN MID
Total/NA	Prep	8015NM Prep			7797	09/13/21 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1	7790	09/13/21 13:13	AJ	XEN MID
Soluble	Leach	DI Leach			7767	09/10/21 14:24	CH	XEN MID
Soluble	Analysis	300.0		1	7831	09/15/21 03:15	CH	XEN MID

Client Sample ID: 234H-West

Date Collected: 09/09/21 12:25 Date Received: 09/09/21 15:58

Lab	Sample	ID:	890-1239-4
			Matrix: Solid

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7802	09/13/21 10:18	KL	XEN MID
Total/NA	Analysis	8021B		1	7820	09/14/21 00:11	KL	XEN MID
Total/NA	Prep	8015NM Prep			7797	09/13/21 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1	7790	09/13/21 13:34	AJ	XEN MID
Soluble	Leach	DI Leach			7767	09/10/21 14:24	CH	XEN MID
Soluble	Analysis	300.0		1	7831	09/15/21 03:20	CH	XEN MID

Eurofins Xenco, Carlsbad

Matrix: Solid

Lab Chronicle

Client: CDH Consulting Job ID: 890-1239-1 Project/Site: Nailed It 234H SDG: Eddy County

Client Sample ID: 234H-Base

Lab Sample ID: 890-1239-5 Date Collected: 09/09/21 12:30

Matrix: Solid

Date Received: 09/09/21 15:58

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7802	09/13/21 10:18	KL	XEN MID
Total/NA	Analysis	8021B		1	7820	09/14/21 00:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			7797	09/13/21 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1	7790	09/13/21 13:56	AJ	XEN MID
Soluble	Leach	DI Leach			7767	09/10/21 14:24	CH	XEN MID
Soluble	Analysis	300.0		1	7831	09/15/21 03:26	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: Nailed It 234H

Job ID: 890-1239-1
SDG: Eddy County

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

uthority	Pi	rogram	Identification Number	Expiration Date		
exas	N	ELAP	T104704400-21-22	06-30-22		
	•	ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for which		
the agency does not offer	er certification.					
Analysis Method	Prep Method	Matrix	Analyte			
300.0		Solid	Chloride			
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over	C10-C28)		
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GR	RO)-C6-C10		
8015B NM	8015NM Prep	Solid	OII Range Organics (Over C28-C36)			
8015B NM	8015NM Prep	Solid	Total TPH			
8021B	5035	Solid	Benzene			
8021B	5035	Solid	Ethylbenzene			
8021B	5035	Solid	m-Xylene & p-Xylene			
8021B	5035	Solid	o-Xylene			
8021B	5035	Solid	Toluene			
8021B	5035	Solid	Total BTEX			
8021B	5035	Solid	Xylenes, Total			

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Method Summary

Client: CDH Consulting Job ID: 890-1239-1 Project/Site: Nailed It 234H

SDG: Eddy County

Method	Method Description	Protocol	Laboratory	
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID	
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID	
300.0	Anions, Ion Chromatography	MCAWW	XEN MID	
5035	Closed System Purge and Trap	SW846	XEN MID	
8015NM Prep	Microextraction	SW846	XEN MID	
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID	

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting Project/Site: Nailed It 234H Job ID: 890-1239-1

SDG: Eddy County

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1239-1	234H-North	Solid	09/09/21 12:10	09/09/21 15:58	1
890-1239-2	234H-East	Solid	09/09/21 12:15	09/09/21 15:58	1
890-1239-3	234H-South	Solid	09/09/21 12:20	09/09/21 15:58	1
890-1239-4	234H-West	Solid	09/09/21 12:25	09/09/21 15:58	1
890-1239-5	234H-Base	Solid	09/09/21 12:30	09/09/21 15:58	1

Work Order No:

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334

Environment Testing

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Xenco

EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

Chain of Custody

Revised Date 08/25/2020 Rev 2020

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Reporting: Level II | PST/UST | TRRP | Level IV | DI Water: H2O Superfund HNO 3: HN MeOH: Me NaOH: Na NaOH+Ascorbic Acid: SAPC Preservative Codes Sample Comments Date/Time Zn Acetate+NaOH: Zn RRC Na2S2O3: NaSO3 Other: 8RCRA 13PPM Texas 11. Al Sb. As Ba Be B Cd Ca Cr Co Cu Fe Pb. Mg. Mn. Mo. Ni K. Se. Ag. SiO₂. Na. Sr. 11. Sn. U. V. Zn. NaHSO 4: NABIS Hg: 1631 / 245.1 / 7470 / 7471 42504:H2 H,PO, HP Page UST/PST PRP Brownfields None: NO Cool: Cool Work Order Comments HCL: HC ADaPT [www.xenco.com Received by: (Signature) EDD State of Project: Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Deliverables: TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U 890-1239 Chain of Custody ANALYSIS REQUEST Relinquished by: (Signature) Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 (81508 3.58 BTEX (M. this Email: Chris @ Cohconsult. Com W5108 TPH (Method Date/Time 12/6/ Chloride (C. 003 483) # of Cont 9 Pres. Code Parameters Bill to: (if different) Comp Grab/ Company Name City, State ZIP: 1-NA-00 TAT starts the day received by the lab, if received by 4:30pm % (€) 2.0 10.7 イン Rush Address: Depth **Turn Around** Received by: (Signature) Routine Corrected Temperature: 1230 Due Date: Sampled Wet Ice: 221 Ilme 17% Temperature Reading: 1210 17.15 Correction Factor: Thermometer ID: 2/60/6 Date Sampled Mierro (Yes)No Circle Method(s) and Metal(s) to be analyzed Casting 720/431-7468 Na:18d It 234H Elizabeth Nates Matrix Eddy County Yes No MATA ₹ Temp Blank: 200.8 / 6020: 3 ŝ Yes No (Yes) Chr.s Relinquished by: (Signature) COL Sample Identification K 234H-North samples Received Intact: Total 200.7 / 6010 234H - 17854 Sample Custody Seals: 34H - Sout Cooler Custody Seals: 34H - Ens 2347 - Bag SAMPLE RECEIPT **Fotal Containers:** Project Location: ampler's Name: roject Manager roject Number Company Name roject Name: City, State ZIP: Address: Phone: # 0

Work Order No:

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334

Environment Testing

. eurofins

Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

Chain of Custody

Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296

Revised Date 08/25/2020 Rev. 2020.

Date/Time

Received by: (Signature)

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Relinquished by: (Signature)

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of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

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Superfund Reporting: Level || Level || PST/UST TRRP | Level | DI Water: H₂O MeOH: Me HNO 3: HN NaOH: Na NaOH+Ascorbic Acid: SAPC Preservative Codes Sample Comments ō Zn Acetate+NaOH: Zn UST/PST PRP Brownfields RRC Other: Na 2 S 2 O 3: Na SO 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Tl Sn U V Zn NaHSO 4: NABIS Hg: 1631 / 245.1 / 7470 / 7471 None: NO H₂S0₄: H₂ H₃PO₄: HP Page Cool: Cool Work Order Comments HCL: HC ADaPT www.xenco.com EDD State of Project: Deliverables: TCLP/SPLP6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control 890-1239 Chain of Custody ANALYSIS REQUEST (81208 BTEX (M. this Email: chris @ chousult.com W5108 (Method Hdl 0.002 483 # of Cont Pres. Code Parameters Bill to: (if different) Comp Company Name Grab/ City, State ZIP: 1-NN-0C TAT starts the day received by the lab, if received by 4:30pm % (S) 70.7 2 4.7 Rush Address: Depth **Turn Around** Routine 1230 Due Date: Corrected Temperature: Sampled Wet Ice: 221 22 Temperature Reading: 12:00 17.15 Correction Factor: Thermometer ID: Date Sampled 2/60/60 Miero (Yes)No Circle Method(s) and Metal(s) to be analyzed Grso 1 Fins 3947-184 (27 Na:18d It 234H Elizabeth Nates Matrix Eddy County N/A Yes No MATA Temp Blank: 200.8 / 6020: 3 (Yes) No Yes No Chr. s COH Sample Identification 234H-North Samples Received Intact: Total 200.7 / 6010 1347 - Vest 34H - Sout Sample Custody Seals: 34H - Eas Cooler Custody Seals: , Day SAMPLE RECEIPT Total Containers: roject Location: ampler's Name: roject Manager. Company Name roject Number Project Name: City, State ZIP: 234H Address: Phone: .# Od

1089 N Canal St.

Eurofins Xenco, Carlsbad

Chain of Custody Record

eurofins

Environment Testing

Project Name⁻ Nailed It 234H State, Zip: TX 79701 234H-East (890-1239-2) 234H-North (890-1239-1) Sample Identification - Client ID (Lab ID) 234H-Base (890-1239-5) 234H-West (890-1239-4) 234H-South (890-1239-3) 432-704-5440(Tel) Midland elinquished by Deliverable Requested | | | | | | | | Other (specify) ossible Hazard Identification lote Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody if the laboratory does not currently naintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC aboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC. urofins Xenco Shipping/Receiving Client Information (Sub Contract Lab) Carlsbad NM 88220 Phone. 575-988-3199 Fax: 575-988-3199 elinquished by 211 W Florida Ave linquished by mpty Kit Relinquished by 2.01.6 days 30 Custody Seal No Project # 89000037 Date/Time Date/Time Primary Deliverable Rank ₩ # # Od TAT Requested (days) Due Date Requested 9/15/2021 Date/Time Sample Date 9/9/21 9/9/21 9/9/21 9/9/21 9/9/21 Mountain 12 25 Mountain 12 30 Mountain 12 20 Mountain 12 15 Mountain Sample 12 10 G=grab) (C=comp, Sample Type Preservation Code: Company Company Matrix Solid Solid Solid Solid Solid Vann E-Maii rene vann@eurofinset.com Time Field Filtered Sample (Yes or No) **NELAP** - Texas Irene Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon Perform MS/MSD (Yes or No) Special Instructions/QC Requirement tations Required (See note) Cooler Temperature(s) °C and Ather Remarks Received by × × × × × 8015MOD_NM/8015NM_S_Prep (MOD) Full TPH × × × × × 300 ORGFM 28D/DI LEACH Chloride × × × × × 8021B/6036FP_Calc BTEX - LL Analysis Requested State of Origin New Mexico Carrier Tracking No(s) Total Number of containers J DI Water K EDTA B NaOH
C Zn Acetate
C Zn Acetate
C Natric Acid
E NaHSO4
F MeOH
G Amchior
H Ascorbic Acid COC No 890-402 1 Preservation Page 1 of 1 890-1239-1 Ver 06/08/202 Jompan M Hexane
V None
D AsNaO2
D AsNaO2
D Na2CO3
D Na2SCO3
R Na2SCO3 Months

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-1239-1

SDG Number: Eddy County

List Source: Eurofins Xenco, Carlsbad

List Number: 1

Login Number: 1239

Creator: Olivas, Nathaniel

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: CDH Consulting Job Number: 890-1239-1 SDG Number: Eddy County

List Source: Eurofins Xenco, Midland

Login Number: 1239 List Number: 2 List Creation: 09/13/21 09:26 AM

Creator: Copeland, Tatiana

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1 / 2.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	True	

<6mm (1/4").



FIGURE 1

Page 37 of 41 Received by OCD: 11/16/2021 4:18:38 PM

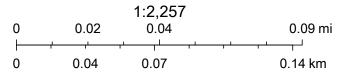
Tap Rock Operations



5/4/2021, 11:00:03 AM

Counties

- **Active**
- **Sample Location**



Maxar, Microsoft, Esri, HERE, Garmin, iPC



TABLE 1

Sample ID	Date Sampled	Depth (in. bgs)	Chlorides (mg/kg)	ТРН ⁽²⁾	BTEX (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)
NMOCD Table I So	oil Standard (mg/l	kg) ⁽¹⁾	600 mg/kg	100 mg/kg	50 mg/kg	10 mg/kg			
234H-North	09/09/2021	12	20.7	<49.8	<0.00402	<00201	<00201	<00201	<0.00402
234H-East	09/09/2021	12	18.3	<50.0	<0.00398	<0.00199	<0.00199	<0.00199	<0.00398
234H-South	09/09/2021	12	14.0	<49.9	<0.00398	<0.00199	<0.00199	<0.00199	<0.00398
234H-West	09/09/202	12	17.8	<49.9	<0.00399	<0.00200	<0.00200	0.00369	<0.00399
234H-Base	09/09/2021	12	17.8	<49.8	<0.00398	<0.00199	<0.00199	<0.00199	<0.00398

Notes

1. Standards for soil are taken from 19.15.29.12(C)(4) NMAC, Table I, Depth to ground water 51 - 100 ft

2. TPH - total volatile and extractable hydrocarbons. Value calculated by adding GRO, DRO and MRO concentrations

BOLD = Result above closure criteria

NMOCD = New Mexico Oil Conservation Divison

(<) = Analytical result is less than the indicated laboratory reporting limit

GRO = Total volatile petroleum hydrocarbons - gasoline range organics

DRO = Total volatile petroleum hydrocarbons - diesel range organics

MRO = Total volatile petroleum hydrocarbons - motor oil/lube range organics

BTEX = Total benzene, toluene, ethlybenzene, and total xylenes

mg/kg = Milligrams per kilogram

in. = inch

ft = Feet

bgs = Below ground surface

NA = Constituent not analyzed

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS

Action 62167

COMMENTS

	OORID
Operator:	OGRID:
TAP ROCK OPERATING, LLC	372043
523 Park Point Drive	Action Number:
Golden, CO 80401	62167
	Action Type:
	[C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date	1
chensley	Called and worked with consultant on discrepancies with the report.	12/20/2021	l

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 62167

CONDITIONS

Operator:	OGRID:
TAP ROCK OPERATING, LLC	372043
523 Park Point Drive	Action Number:
Golden, CO 80401	62167
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	12/20/2021