

February 9, 2024

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

RE: Remediation Work Plan Chevron MCBU Hayhurst NM Section 9 CTB Eddy County, New Mexico nAPP2336158873

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by Chevron U.S.A., Inc. (Chevron) to assess a release that occurred at the Hayhurst NM Section 9 CTB, Unit P, Section 8, Township 26 South, Range 27 East, Eddy County, New Mexico (Site). The spill Site coordinates are 32.05254458°, -104.20154454°. The Site location is shown on **Figures 1 and 2**.

Background

According to the State of New Mexico Notice of Release report, the release at the Site was due to a dump valve failure, causing the release of 10 barrels (bbls) of produced water; the release flowed under separators and above ground piping on the pad, impacting an area of approximately 3,500 square feet. On December 26, 2023, the release was discovered and reported to the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

Significant Water Features

According to the (National Flood Hazard Layer) NFHL Flood Data Application and the (United States Geological Survey) USGS National Water Information System Mapper, there were no watercourses, lakebeds, sinkholes, playa lakes, springs, wetlands, subsurfaces mines, private domestic water wells, or floodplains located within the specified distances of the Site. However, the Site is located in a medium karst area. The NFHL Map and USGS Mapper are provided in **Appendix A**.

Significant Boundaries

According to Google Earth US Government City Boundaries and US School Districts, the lateral extents of the release were not within incorporated municipal boundaries, a defined municipal fresh water well field, or a school district. Additionally, there were no occupied permanent residences, schools, hospitals, institutions, or churches located within the specified distances of the lateral extents of the release.



Groundwater Review

Groundwater research was completed for the Site through the USGS National Water Information System and New Mexico Office of the State Engineer (NMOSE) Water Rights Reporting System. Results of groundwater research conducted through these two resources, show the three closest water wells within a 2-mile radius of the Site. Point of Diversion (POD) number C 02588 reported on the NMOSE Water Rights Reporting System is listed as having a total depth of 81 ft below ground surface (bgs), and measured water level of 19 ft bgs and is located approximately 1.88 miles from the Site. USGS well, number 320323104112901, reported on the USGS National Water Information System (NWIS) is listed as having a water level measured at 17.75 ft bgs and is approximately 0.64 miles from the Site. USGS well, number 320343104110201, reported on the USGS NWIS, is listed as having a water level measured at 8.94 ft bgs and is approximately 1.05 miles from the Site. The groundwater information is shown in **Appendix A**.

Distance from Site	Date of Data	Resource of Information	Depth of Well	Depth to Water
1.88 Miles	6/3/1998	NMOSE	81'	19'
0.64 Miles	1/28/2003	USGS	N/A	17.75'
1.05 Miles	1/9/2013	USGS	N/A	8.94'

Regulatory

NMOCD Guidelines for Remediation of Leaks, Spills, and Releases, updated August 14, 2018, will be followed for the Site. The guidelines require a risk-based evaluation of the Site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene, and xylene (BTEX), total petroleum hydrocarbons (TPH), and chloride concentrations in the soil at the Site. The proposed RRALs for the Site were determined to be 10 milligrams per kilogram (mg/kg) for benzene, 50 mg/kg for total BTEX, 100 mg/kg for TPH and 600 mg/kg for Chloride in the soil.

Site Assessment Activities

Tetra Tech conducted Site assessment activities on January 18, 2024. A total of three (3) auger holes (AH-1 through AH-3) were installed within the impacted area, to depths ranging from surface to 4 feet below ground surface (ft bgs) to attempt to assess and vertically delineate the impacted the area. Additionally, a total of four (4) horizontal auger holes (H-1 through H-4) were installed directly outside of the impact outline to total depth of 1.0 ft bgs, to horizontally delineate the impact. The extent of impact and delineation sample locations are shown on **Figure 3**.

The samples were submitted to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for TPH by method 8015 modified, BTEX by method 8021B, and Chloride by EPA Method SM4500-Cl B. The analytical results are summarized in **Table 1** and the analytical laboratory reports are included in **Appendix B**.

Referring to Table 1, auger holes (AH-1 through AH-3) indicated chloride concentrations above RRALs, with concentrations ranging from 832 mg/kg to 5,120 mg/kg, at depths ranging



from surface to 3 ft bgs. Auger holes (AH-1 through AH-3) did not indicate benzene, BTEX, or TPH concentrations above laboratory detection limits. Additionally, horizontals (H-1 through H-4) did not indicate benzene, BTEX, TPH, or chloride concentrations above the determined RRALs for the Site. The release impacted area is vertically delineated at all of the vertical delineation sample points.

Remediation Work Plan

Based on the C-141 (nAPP2336158873) and information provided by Chevron, Tetra Tech performed Site characterization and groundwater research to determine groundwater depth, release impact proximity from significant water features, and proximity from specified populated entities to determine RRALs and assess the impacted area. Based on the OCD Guidelines for Remediation of Leaks, Spills, and Releases, updated August 14, 2018, according to the groundwater data found during research activities, the most stringent RRALs of 600 mg/kg for chlorides and 100 mg/kg for TPH will be followed for the Site. Based on Tetra Tech assessment and delineation activities, laboratory results indicated chloride concentrations above RRALs, at auger holes (AH-1 through AH-3), at depths ranging from surface to 2-3 ft bgs.

Chevron proposes to excavate the impacted areas to the required depths as shown in **Table 1** and on **Figure 4**. The areas of auger hole (AH-1, AH-2, and AH-3) will be excavated to depths of 1 ft bgs, 2.5 ft bgs, and 1.5 ft bgs, respectively, or greater based on field screening and analytical results. Areas immediately adjacent to active equipment and underneath pipe racking within the release extent will be excavated to 6-inches bgs or a safely allowable depth to avoid destabilizing the soil supporting the active equipment at the Site.

Excavated soils will be transported offsite and disposed of at an NMOCD-approved or permitted facility. Five-point confirmation bottom and sidewall samples will be collected, representative of no more than approximately 200 square feet, for verification of remedial activities, and analyzed for TPH (Method 8015 Modified), BTEX (Method 8021B) and chloride (Method SM 4500-Cl B or equivalent). The estimated volume of material to be removed is approximately 60 cubic yards.

If you require any additional information or have any questions or comments, please contact Tetra Tech, Inc. at (432) 682-4559.

Respectfully submitted, TETRA TECH

John Faught, GIT Project Manager

Clair Gonzales, P.G. Senior Project Manager

Enclosures:

Figure 1 - Site Location Map



Figure 2 – Topographic Map

Figure 3 – Delineation Assessment Map

Figure 4 – Proposed Excavation Map

Table 1 – Delineation Assessment Analytical Results

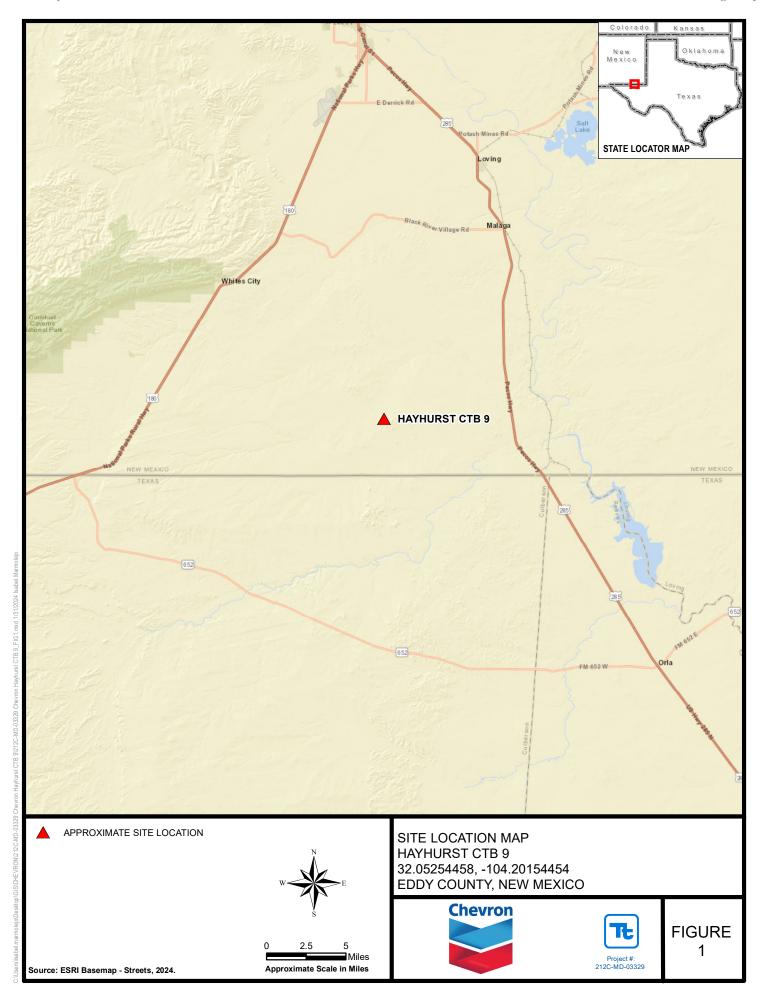
Photographic Documentation

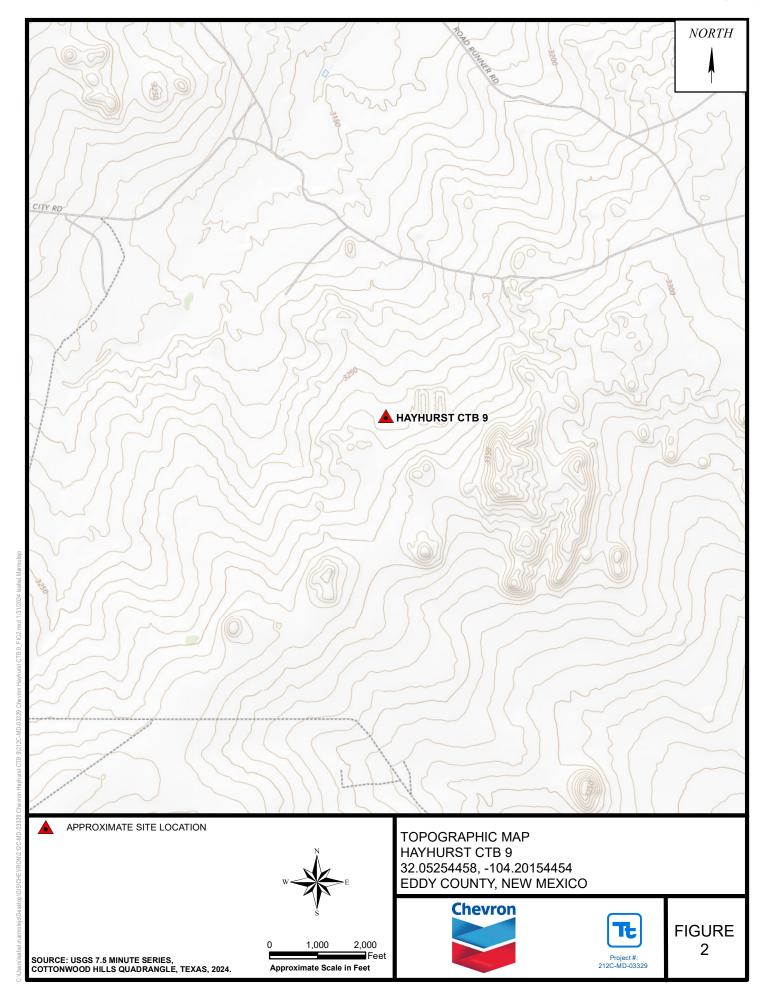
Appendix A – Site Characterization

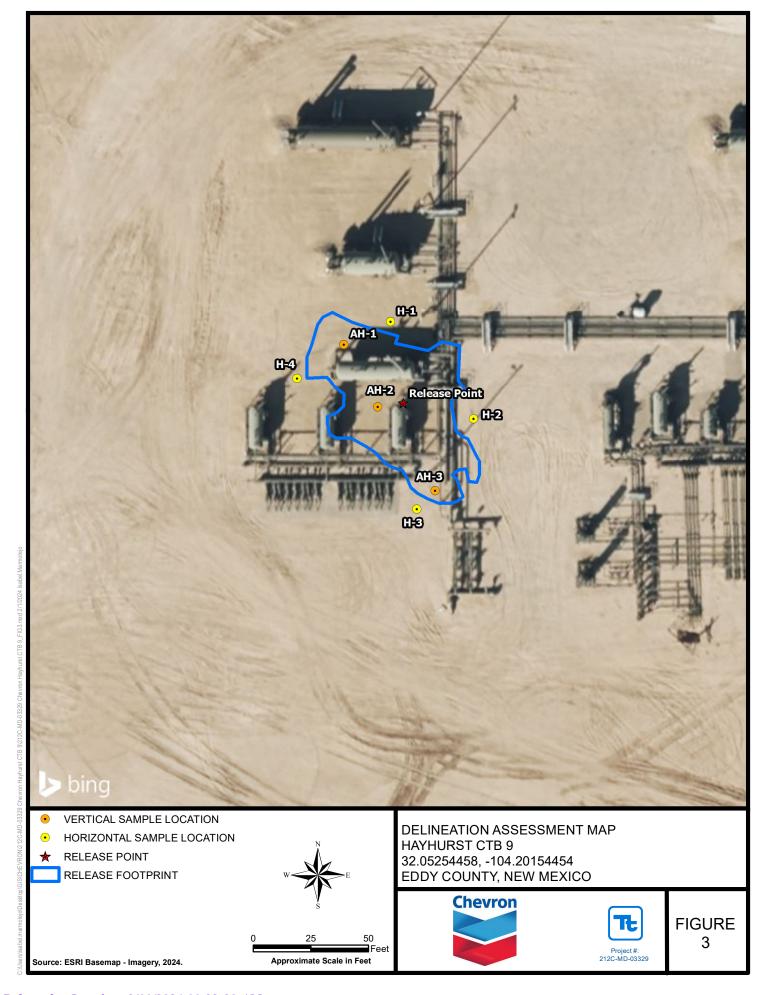
Appendix B – Analytical Laboratory Reports

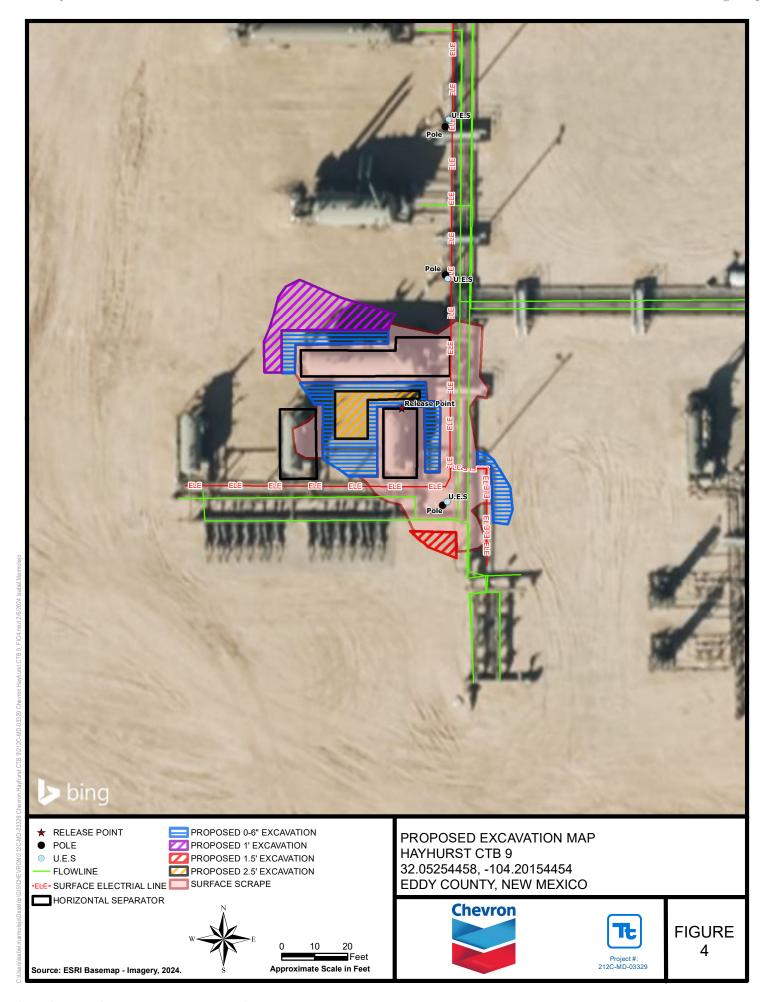


Figures











Tables

Table 1 Delineation Assessment Analytical Results Chevron MCBU Hayhurst NM Section 9 CTB Eddy County, New Mexico

Sample ID	Sample	Excavtion	Soil	Status		TPH (n	ng/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride
	Date	Depth (ft)	In-Situ	Removed	GRO	DRO	MRO	Total	3 3,	, , ,	(mg/kg)	, , , , ,	(3 3)	(mg/kg)
RRALs								100	10				50	600 mg/kg
MALS								mg/kg	mg/kg				mg/kg	
	1/18/2024	0-1'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	<0.300	2,440
AH-1	1/18/2024	1-2'	Х	-	<10.0	<10.0	<10.0	<10.0	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	256
A11-1	1/18/2024	2-3'	Х	-	<10.0	<10.0	<10.0	<10.0	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	144
	1/18/2024	3-4'	х	-	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	<0.300	144
	1/18/2024	0-1'	х		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	< 0.300	5,120
	1/18/2024	1-2'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	832
AH-2		2-3'		-										
	1/18/2024		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,040
	1/18/2024	3-4'	Х		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
	1/18/2024	0-1'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,360
411.0	1/18/2024	1-2'	Х	-	<10.0	<10.0	<10.0	<10.0	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	848
AH-3	1/18/2024	2-3'	х	-	<10.0	<10.0	<10.0	<10.0	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	256
	1/18/2024	3-4'	Х	-	<10.0	<10.0	<10.0	<10.0	< 0.050	< 0.050	<0.050	<0.150	< 0.300	336
11.4	4/40/2024	0-1'			-10 O	-10.0	-10.0	-10 O	40.0E0	40.050	40.0E0	40.4F0	40.200	46.0
H-1	1/18/2024	0-1	Х		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-2	1/18/2024	0-1'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-3	1/18/2024	0-1'			<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
п-3	1/10/2024	U-1	Х		\10.0	<u> </u>	₹10.0	\10.0	\0.050	\0.050	\0.050	<u> </u>	<u> </u>	16.0
H-4	1/18/2024	0-1'	Х	-	<10.0	<10.0	<10.0	<10.0	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	32.0
	•			•		•	•		•				•	

NOTES

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Devision) Guidelines for Remediation of Leaks, Spills, and Releases. All screening values and results are presented in milligrams per kilogram (mg/kg)

Bolded cells represent a detected concentration above the respective screening value.

< = analyte was not detected above the respective sample detection limit

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

Exceedance



Photographic Documentation

Photographic Log

Chevron MCBU

Hayhurst NM Section 9 CTB Produced Water Release



Photo 1: Southwest facing view of the release footprint.



Photo 2: Northwest facing view of the release footprint.

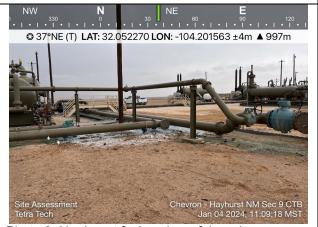


Photo 3: Northeast facing view of the release footprint.



Photo 4: East facing view of the release footprint.



Photo 5: View of the release footprint underneath the active equipment at the Site.



Photo 6: View of the release footprint underneath the active equipment at the Site.

Job No.	Page No.	Client:	Site Name:
212C-MD-03329	1 of 1	Chevron MCBU	Hayhurst NM Section 9 CTB Produced Water Release





Appendix A

Site Characterization Documents

Site Characterization Summary

Site Information:

Chevron MCBU
Hayhurst NM Section 9 CTB
Eddy County, New Mexico
T26S, R27E, Section 9, Unit M
(32.05254458°, -104.20154454°)

Site Characterization:

-Medium Karst

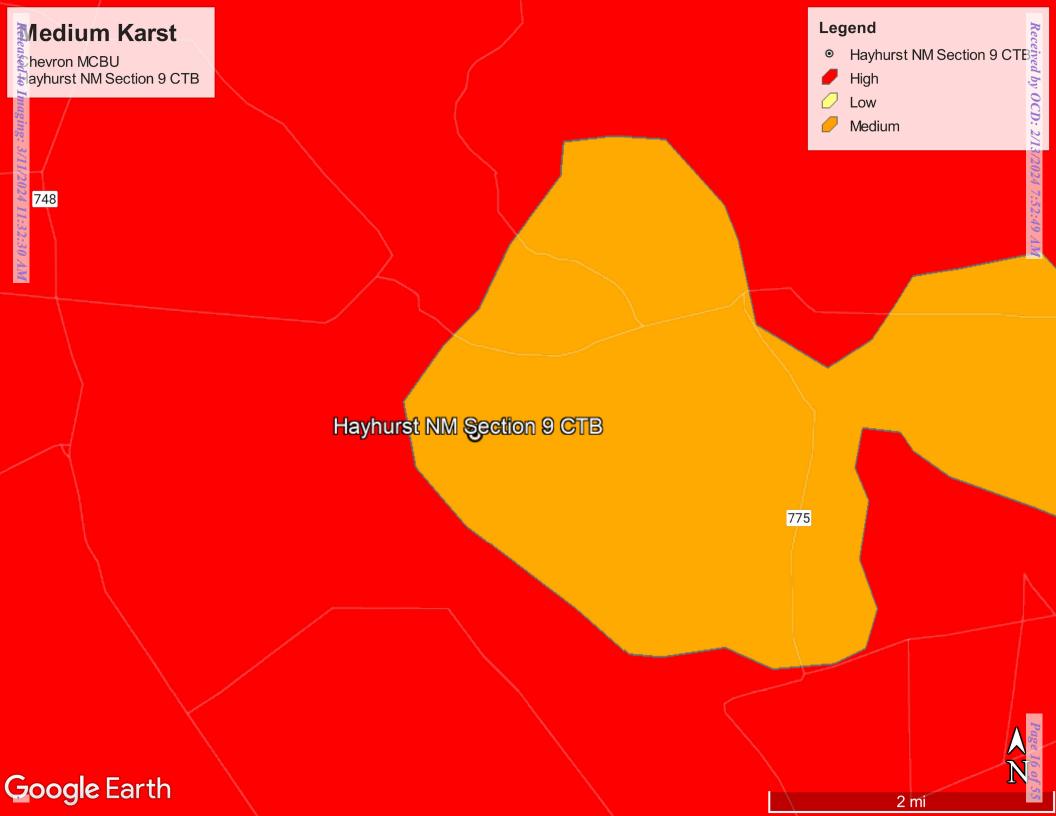
-No significant water features within specified distances
-Groundwater 19' BGS 1.88 Miles North. (NMOSE, Section 33, 1998 Sample)
-Groundwater 17.75' BGS 0.64 Miles Northeast. (USGS, Section 7, 2003 Sample)
-Groundwater 8.94' BGS 1.05 Miles Northwest. (USGS, Section 8, 2013 Sample)

RRALs:

-600 mg/kg Chlorides -100 mg/kg Total TPH -10 mg/kg Benzene -50 mg/kg Total BTEX

Explanation:

Due to inadequate groundwater information (distance further than ½ mile/data dated >25 years), Most stringent RRALs will be followed unless groundwater determination bore is drilled, and no water is found at depths of at least 55' BGS or greater. However, based on the researched data, groundwater is reported shallow (below 50') to the North, West, and East.



Received by OCD: 2/13/2024 7:52:49 AM National Flood Hazard Layer FIRMette





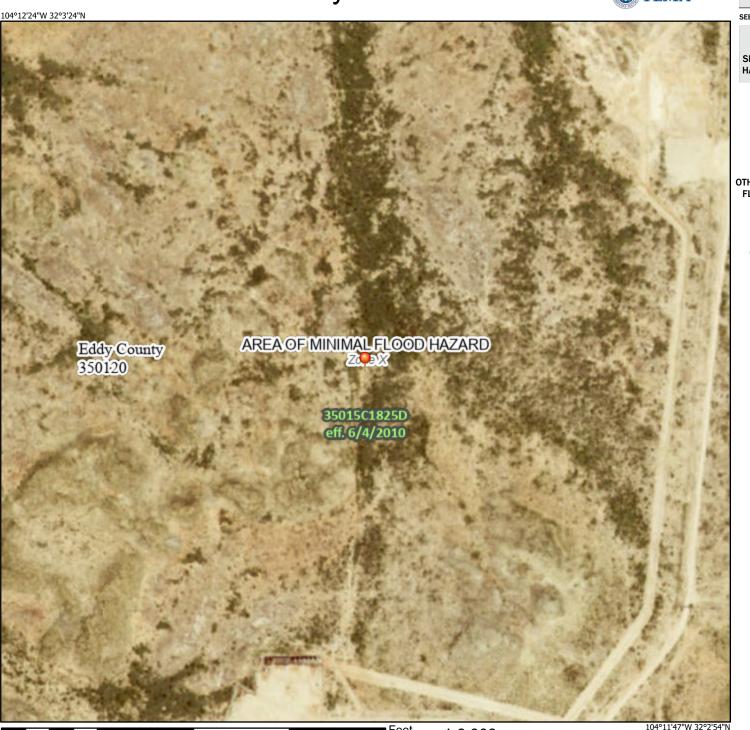
SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** ---- 513---- Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary — --- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent

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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/18/2024 at 9:32 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



OReleas 240 Imaging: 3/11/2024 PP.92:30 AM

2,000



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

 \mathbf{X}

25S 27E 33

575645 3549575*

Driller License: 1348 **Driller Company:** TAYLOR WATER WELL SERVICE

Driller Name:

Log File Date:

Pump Type:

Casing Size:

Drill Start Date: 05/31/1998

C 02588

08/24/1998

5.00

Drill Finish Date:

06/03/1998

Plug Date:

Source: Shallow

PCW Rcv Date: Estimated Yield: 2 GPM Pipe Discharge Size: Depth Well: 81 feet Depth Water: 19 feet

Water Bearing Stratifications:	Тор	Bottom	Description
	21	23	Other/Unknown
	52	81	Other/Unknown
Casing Perforations:	Тор	Bottom	
	53	81	

^{*}UTM location was derived from PLSS - see Help

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

3/23/23 4:14 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

X

C 02588

33 25S 27E 575645 3549575*

Driller License:

1348

Driller Company:

TAYLOR WATER WELL SERVICE

Driller Name:

Drill Start Date:

05/31/1998

Drill Finish Date: 06/03/1998 Plug Date:

Log File Date:

08/24/1998

PCW Rcv Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 2 GPM

Casing Size:

5.00

Depth Well:

81 feet

Depth Water:

19 feet

Water Bearing Stratifications:

21

Top

Description Other/Unknown

52

Other/Unknown

Casing Perforations:

Bottom Top

Bottom

53 81

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

1/18/24 9:05 AM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help

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National Water Information System: Web Interface

ata Category:		Geographic Area:		
Groundwater	~	United States	~	GO

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Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 320343104110201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320343104110201 26S.27E.08.13230

Eddy County, New Mexico Latitude 32°03'32.4", Longitude 104°13'03.9" NAD83 Land-surface elevation 3,182.10 feet above NGVD29 This well is completed in the Other aguifers (N9999OTHER) national aguifer. This well is completed in the Castile Formation (312CSTL) local aguifer.

Output formats

Table of data	
Tab-separated data	
Graph of data	
Reselect period	

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
978-01-03		D	62610		3164.52	NGVD29	1	Z			
.978-01-03		D	62611		3166.18	NAVD88	1	Z			
.978-01-03		D	72019	17.58			1	Z			
1983-01-05		D	62610		3166.54	NGVD29	1	Z			
1983-01-05		D	62611		3168.20	NAVD88	1	Z			
983-01-05		D	72019	15.56			1	Z			
1987-10-08		D	62610		3167.72	NGVD29	1	Z			
1987-10-08		D	62611		3169.38	NAVD88	1	Z			
1987-10-08		D	72019	14.38			1	Z			
1992-11-04		D	62610		3165.85	NGVD29	1	S			
1992-11-04		D	62611		3167.51	NAVD88	1	S			
1992-11-04		D	72019	16.25			1	S			
1998-01-13		D	62610		3165.45	NGVD29	1	S			
1998-01-13		D	62611		3167.11	NAVD88	1	S			
1998-01-13		D	72019	16.65			1	S			
2003-01-28		D	62610		3164.88	NGVD29	1	S			S
2003-01-28		D	62611		3166.54	NAVD88	1	S			S
2003-01-28		D	72019	17.22			1	S			S
2013-01-09	21:45 UTC	m			3173.16	NGVD29	1	S			S
2013-01-09	21:45 UTC	m	62611		3174.82	NAVD88	1	S	USGS	5	S
2013-01-09	21:45 UTC	m	72019	8.94			1	S	USGS	5	S

Explanation

Section		Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface

Section	Code	Description				
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988				
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929				
Status	1	Static				
Method of measurement	S	Steel-tape measurement.				
Method of measurement	Z	Other.				
Measuring agency		Not determined				
Measuring agency	USGS	U.S. Geological Survey				
Source of measurement		Not determined				
Source of measurement	S	Measured by personnel of reporting agency.				
Water-level approval status	Α	Approved for publication Processing and review completed.				

Questions or Comments Automated retrievals <u>Help</u> Data Tips Explanation of terms Subscribe for system changes **News**

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U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2024-01-18 10:46:28 EST

0.29 0.25 nadww02



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Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO

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Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usqs site no list =

• 320323104112901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320323104112901 26S.27E.07.414444

Eddy County, New Mexico Latitude 32°03'23", Longitude 104°11'29" NAD27 Land-surface elevation 3,268 feet above NAVD88 This well is completed in the Other aguifers (N9999OTHER) national aguifer. This well is completed in the Castile Formation (312CSTL) local aquifer.

Output formats

able of data	
ab-separated data	
Graph of data	
leselect period	

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1978-01-2	5	D	62610		3257.04	NGVD29	1	Z			
1978-01-2	5	D	62611		3258.69	NAVD88	1	Z			
1978-01-2	5	D	72019	9.31			1	Z			
1983-01-2	5	D	62610		3258.77	NGVD29	Р	Z			
1983-01-2	5	D	62611		3260.42	NAVD88	Р	Z			
1983-01-2	5	D	72019	7.58			Р	Z			
1987-10-0	8	D	62610		3258.70	NGVD29	1	Z			
1987-10-0	8	D	62611		3260.35	NAVD88	1	Z			
1987-10-0	8	D	72019	7.65			1	Z			
1988-04-0	7	D	62610		3259.93	NGVD29	1	Z			
1988-04-0	7	D	62611		3261.58	NAVD88	1	Z			
1988-04-0	7	D	72019	6.42			1	Z			
1992-11-1	8	D	62610		3257.57	NGVD29	1	S			
1992-11-1	8	D			3259.22	NAVD88	1	S			
1992-11-1		D		8.78			1	S			
1998-01-1		D			3252.60	NGVD29	1	S			
1998-01-1		D			3254.25	NAVD88	1	S			
1998-01-1		D		13.75			1	S			
2003-01-2		D			3248.60	NGVD29	1	S			5
2003-01-2		D			3250.25	NAVD88	1	S			5
2003-01-2	8	D	72019	17.75			1	S	USG	S S	5

Explanation

Code	Description
D	Date is accurate to the Day
62610	Groundwater level above NGVD 1929, feet
62611	Groundwater level above NAVD 1988, feet
72019	Depth to water level, feet below land surface
NAVD88	North American Vertical Datum of 1988
	D 62610 62611 72019

Section	Code	Description
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	Р	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	Α	Approved for publication Processing and review completed.

Questions or Comments Automated retrievals <u>Help</u> Data Tips Explanation of terms Subscribe for system changes <u>News</u>

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2024-01-18 10:41:44 EST

0.35 0.3 nadww01





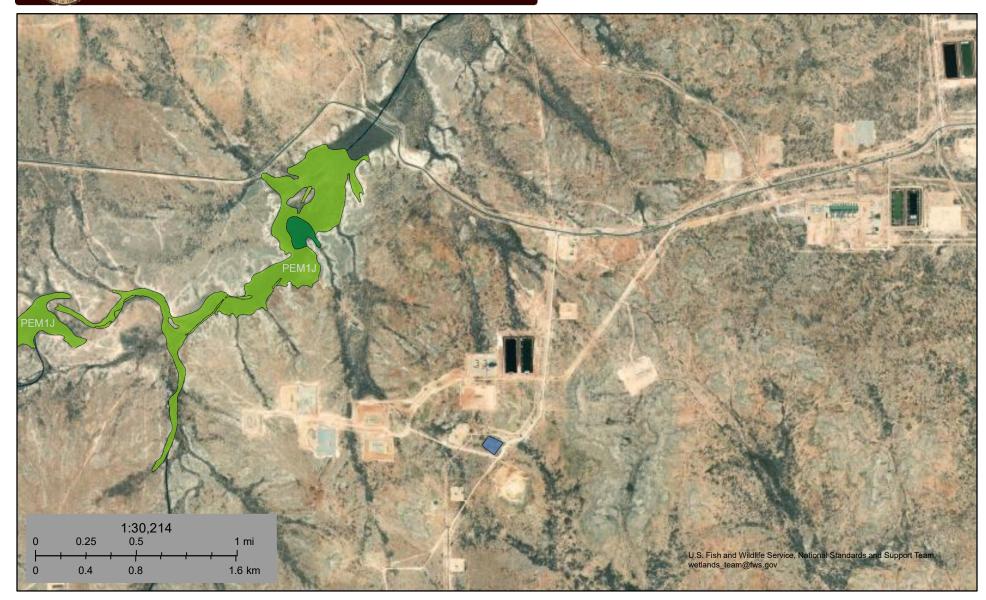
Released to Imaging: 3/11/2024 11:32:30 AM



Site Information



Hayhurst 9 CTB



January 4, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



Appendix B

Analytical Laboratory Reports



January 24, 2024

JOHN FAUGHT
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: HAYHURST NM SECTION 9 CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/19/24 11:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keine

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: CHEVRON - EDDY CO NM

mg/kg

Sample ID: H - 1 (0-1') (H240234-01)

BTEX 8021B

B 1 EX GOLL B	9/	9	Analyze	a 2 y . 3					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	< 0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2024	ND	212	106	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/19/2024	ND	209	105	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	01/19/2024	ND					
Surrogate: 1-Chlorooctane	74.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.8	% 49.1-14	8						

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Celey D. Krene



Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

Sample ID: H - 2 (0-1') (H240234-02)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2024	ND	212	106	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/19/2024	ND	209	105	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	01/19/2024	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: CHEVRON - EDDY CO NM

Sample ID: H - 3 (0-1') (H240234-03)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2024	ND	212	106	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/19/2024	ND	209	105	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	01/19/2024	ND					
Surrogate: 1-Chlorooctane	77.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: CHEVRON - EDDY CO NM

Sample ID: H - 4 (0-1') (H240234-04)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2024	ND	212	106	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/19/2024	ND	209	105	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	01/19/2024	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.8	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 1 (0-1') (H240234-05)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2024	ND	212	106	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/19/2024	ND	209	105	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	01/19/2024	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 1 (1-2') (H240234-06)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2024	ND	212	106	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/19/2024	ND	209	105	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	01/19/2024	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 1 (2-3') (H240234-07)

BTEX 8021B

BIEX 8021B	ilig/kg		Allalyzeu by. Jil						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2024	ND	212	106	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/19/2024	ND	209	105	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	01/19/2024	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 1 (3-4') (H240234-08)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2024	ND	212	106	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/19/2024	ND	209	105	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	01/19/2024	ND					
Surrogate: 1-Chlorooctane	81.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 2 (0-1') (H240234-09)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2024	ND	212	106	200	2.18	QM-07
DRO >C10-C28*	<10.0	10.0	01/19/2024	ND	209	105	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	01/19/2024	ND					
Surrogate: 1-Chlorooctane	urrogate: 1-Chlorooctane 87.8 % 48.2-		4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 2 (1-2') (H240234-10)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2024	ND	202	101	200	1.12	
DRO >C10-C28*	<10.0	10.0	01/20/2024	ND	192	95.8	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	01/20/2024	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

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Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 2 (2-3') (H240234-11)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2024	ND	202	101	200	1.12	
DRO >C10-C28*	<10.0	10.0	01/20/2024	ND	192	95.8	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	01/20/2024	ND					
Surrogate: 1-Chlorooctane	79.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: Sampling Type: Soil 01/24/2024

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-03329 Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 2 (3-4') (H240234-12)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2024	ND	202	101	200	1.12	
DRO >C10-C28*	<10.0	10.0	01/20/2024	ND	192	95.8	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	01/20/2024	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

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Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 3 (0-1') (H240234-13)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2024	ND	202	101	200	1.12	
DRO >C10-C28*	<10.0	10.0	01/20/2024	ND	192	95.8	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	01/20/2024	ND					
Surrogate: 1-Chlorooctane	80.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 49.1-14	8						

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Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: 01/24/2024 Sampling Type: Soil

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 3 (1-2') (H240234-14)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2024	ND	202	101	200	1.12	
DRO >C10-C28*	<10.0	10.0	01/20/2024	ND	192	95.8	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	01/20/2024	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

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Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: Sampling Type: Soil 01/24/2024

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-03329 Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 3 (2-3') (H240234-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2024	ND	202	101	200	1.12	
DRO >C10-C28*	<10.0	10.0	01/20/2024	ND	192	95.8	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	01/20/2024	ND					
Surrogate: 1-Chlorooctane	poctane 82.3 % 48.2-13-2		4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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Analytical Results For:

TETRA TECH JOHN FAUGHT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 01/19/2024 Sampling Date: 01/18/2024

Reported: Sampling Type: Soil 01/24/2024

Project Name: HAYHURST NM SECTION 9 CTB Sampling Condition: Cool & Intact Project Number: 212C-MD-03329 Sample Received By: Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

Sample ID: AH - 3 (3-4') (H240234-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2024	ND	2.20	110	2.00	0.995	
Toluene*	<0.050	0.050	01/20/2024	ND	2.18	109	2.00	0.595	
Ethylbenzene*	<0.050	0.050	01/20/2024	ND	2.17	108	2.00	0.718	
Total Xylenes*	<0.150	0.150	01/20/2024	ND	6.34	106	6.00	0.832	
Total BTEX	<0.300	0.300	01/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2024	ND	202	101	200	1.12	
DRO >C10-C28*	<10.0	10.0	01/20/2024	ND	192	95.8	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	01/20/2024	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

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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

Action 313665

QUESTIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	313665
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2336158873
Incident Name	NAPP2336158873 HAYHURST NM SECTION 9 CTB @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2131341164] Hayhurst NM Section 9 CTB

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Hayhurst NM Section 9 CTB
Date Release Discovered	12/26/2023
Surface Owner	Federal

Incident Details		
Please answer all the questions in this group.	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 Dump Valve Produced Water Released: 10 BBL Recovered: 0 BBL Lost: 10 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 313665

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	1 0, 14m 07 000
QUESTI	ONS (continued)
Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323 Action Number: 313665 Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	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 s	afety 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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or

Name: Kennedy Lincoln Title: Environmental Specialist

Date: 12/29/2023

Email: kennedy.lincoln@chevron.com

Released to Imaging: 3/11/2024 11:32:30 AM

I hereby agree and sign off to the above statement

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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, Page 3

Action 313665

QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	313665
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	U.S. Geological Survey	
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	Greater than 5 (mi.)	
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 ½ and 1 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 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	Medium	
A 100-year floodplain	Between ½ and 1 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

to the appropriate district office no later than 90 days after the release discovery date.
Yes
ion associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Yes
No
milligrams per kilograms.)
600
100
0
50
10
ted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
04/15/2024
05/17/2024
04/26/2024
1036
116
1036
106
the time of submission and may (be) change(d) over time as more remediation efforts are completed.

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

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

QUESTIONS, Page 4

Action 313665

QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	313665
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	Sundance Services, Inc [fKJ1600527371]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com

Date: 02/13/2024

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

QUESTIONS, Page 5

Action 313665

QUESTIONS (continued)

40-00000	
Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	313665
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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

QUESTIONS, Page 6

Action 313665

QUESTIONS (continued)	QL	JEST	IONS	(continued)
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Operator:	OGRID:	
CHEVRON U S A INC	4323	
6301 Deauville Blvd	Action Number:	
Midland, TX 79706	313665	
	Action Type:	
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	
QUESTIONS		
Sampling Event Information		
Last sampling notification (C-141N) recorded	{Unavailable.}	
Remediation Closure Request		

No

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

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CONDITIONS

Action 313665

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
	Action Number:
Midland, TX 79706	313665
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please collect confirmation samples, representing no more than 200 ft2. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. The work will need to occur in 90 days after the report has been reviewed.	3/11/2024