

CHINCOTEAGUE 32 STATE COM #002H

6/7/2022

nAPP2216530933

Spill Volume(Bbls) Calculator		
<i>Inputs in blue, Outputs in red</i>		
Contaminated Soil measurement		
Length(Ft)	Width(Ft)	Depth (in)
<u>150</u>	<u>150.000</u>	<u>0.100</u>
Cubic Feet of Soil Impacted		<u>187.500</u>
Barrels of Soil Impacted		<u>33.42</u>
Soil Type		<u>Sand</u>
Barrels of Oil Assuming 100% Saturation		<u>6.68</u>
Saturation	<u>Damp no fluid when squeezed</u>	
Estimated Barrels of Oil Released		<u>0.67</u>
Free Standing Fluid Only		
Length(Ft)	Width(Ft)	Depth (inches))
<u>0</u>	<u>0.000</u>	<u>0.000</u>
Standing fluid		<u>0.000</u>
<u>Total fluids spilled</u>		<u>0.668</u>



REMEDIATION CLOSURE REPORT

Incident ID NAPP2216530933

Chincoteague 32 State Com #002H

API # 30-025-42263

Prepared By:
Pima Environmental Services, LLC

Prepared For:
Devon Energy Production, LP

September 18, 2024
Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240

September 18, 2024

NMOCD District 2
811 S First St.
Artesia, NM 88210

Bureau of Land Management
620 E Green St.
Carlsbad, NM 88220

**Re: Remediation Closure Report
Chincoteague 32 State Com #002H
API No. 30-025-42263
GPS: Latitude 32.1671345 Longitude -103.7023622
UL M, Sec. 32, T24S, R32E 200 FSL 880 FWL
Lea County, NM
NMOCD Incident ID NAPP2216530933**

Devon Energy Production Company (Devon) has contracted Pima Environmental Services, LLC (Pima) to perform a spill assessment and has prepared this Closure Report for a crude oil release that occurred at the Chincoteague 32 ST Com 2H (Chincoteague). This incident was assigned Incident ID NAPP2216530933 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Chincoteague is located approximately twenty-two (22) miles southeast of Malaga, NM. This spill site is in Unit M, Section 32, Township 24S, Range 32E, Latitude 32.1671345 Longitude -103.7023622, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Maljamar and Palomas fine sands, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present around the Chincoteague (Figure 3). The nearest surface water feature is Red Bluff Reservoir located approximately 20 miles to the southwest of this site. A Topographic Map can be found in Figure 4.

According to the New Mexico Office of the State Engineer water well (C-4858-POD1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.30 miles away from the Chincoteague, drilled, August 8, 2024. Conversely, as per the United States Geological Survey well water data (USGS321005103402301), the nearest groundwater depth in this region is recorded at 290 feet BGS, situated approximately 1.80 miles away from the Chincoteague, with the last gauge conducted in 2012

The groundwater information from C-04858-POD1 establishes a lack of groundwater at 55' bgs. This POD was drilled and recorded by H&R Enterprises, LLC. on August 8, 2024. The well bore was left open for the required 72-hour timeframe, then checked for saturation. No saturation or water-bearing soil was encountered, the well was then plugged on August 14, 2024. Depth to groundwater at the Chincoteague will be classified as 51-100' BGS. Referenced water surveys, pod information, and water-related maps can be found in Appendix A.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix B)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100' (C-04858-POD1)	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Release Information

NAPP2216530933: On June 7, 2022, a LO was assisting Roustabout by bleeding down the facility in preparation for a retrofit LOTO. As he sent pressure to the flare it burped a mist of oil and caused a fire on location. It also caught some vegetation/pasture on fire, which was promptly put out with two fire extinguishers. As safety precaution, no one was near the flare or fire prior to the facility bled down. The released fluids were calculated to be approximately 1 barrel (bbls) of crude oil. No fluids were recovered as they had completely burned off

Site Assessment and Soil Sampling Results

On May 22, 2024, Pima mobilized personnel to the site to collect soil samples from the spill area. A hand auger was used to collect the samples from the affected area. The laboratory results of these sampling events are provided in the following data table. A Site Map is available in Figure 4

5-22-2023 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Chincoteague 32 St Com #2H -NAPP2216530933								
Date: 5-22-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	0.6"	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	22.5
	3'	ND	ND	ND	ND	ND	0	ND
S2	0.6"	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	20.7
	3'	ND	ND	ND	ND	ND	0	ND
S3	0.6"	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	21.3
	3'	ND	ND	ND	ND	ND	0	ND
SW1	0-3'	ND	ND	ND	ND	ND	0	ND
SW2	0-3'	ND	ND	ND	ND	ND	0	ND
SW3	0-3'	ND	ND	ND	ND	ND	0	ND
SW4	0-3'	ND	ND	ND	ND	ND	0	ND
SW5	0-3'	ND	ND	ND	ND	ND	0	ND
SW6	0-3'	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

On June 11, 2024, after submitting a 48-hour notification (Application ID: 351667, Appendix C), Pima returned to the site to collect confirmation samples from the designated assessment area, including perimeter samples. The composite samples were collected from the surface down to a depth of 2 feet using a hand auger. The results of this sampling event are summarized in the table below, and the Confirmation Sample Map is included in Figure 5.

6-11-24 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Chincoteague 32 St Com #2H -NAPP2216530933								
Date: 6-11-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	0-2' Comp	ND	ND	ND	ND	ND	0	16
CS2	0-2' Comp	ND	ND	ND	ND	ND	0	32
CS3	0-2' Comp	ND	ND	ND	ND	ND	0	32
CS4	0-2' Comp	ND	ND	ND	ND	ND	0	ND
CS5	0-2' Comp	ND	ND	ND	ND	ND	0	ND
CS6	0-2' Comp	ND	ND	ND	ND	ND	0	16
CSW1	0-2' Comp	ND	ND	ND	ND	ND	0	16
CSW2	0-2' Comp	ND	ND	ND	ND	ND	0	16
CSW3	0-2' Comp	ND	ND	ND	ND	ND	0	ND
CSW4	0-2' Comp	ND	ND	ND	ND	ND	0	32
CSW5	0-2' Comp	ND	ND	ND	ND	ND	0	ND
CSW6	0-2' Comp	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Remediation Closure Request

After careful review, Devon Energy requests that this remediation closure report for incident NAPP2216530933, be approved. Devon has complied with the applicable remediation closure requirements set forth in rule 19.15.29.12 NMAC.

For questions or additional information, please feel free to contact:
Devon Energy – Dale Woodall – 575-748-1838 or dale.woodall@devon.com.
Pima Environmental – Gio Gomez – 806-782-1151 or Gio@pimaoil.com.

Respectfully,



Gio Gomez
Project Manager
Pima Environmental Services, LLC

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Confirmation Sample Map

Appendices:

- Appendix A – Referenced Water Surveys and Water-Related Maps
- Appendix B – Soil Survey and Geologic Data, FEMA, and Wetlands Map
- Appendix C – 48-Hour Sampling Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Report

Figures:

Figure 1- Location Map

Figure 2- Topographic Map

Figure 3- Karst Map



Figure 4- Site Map

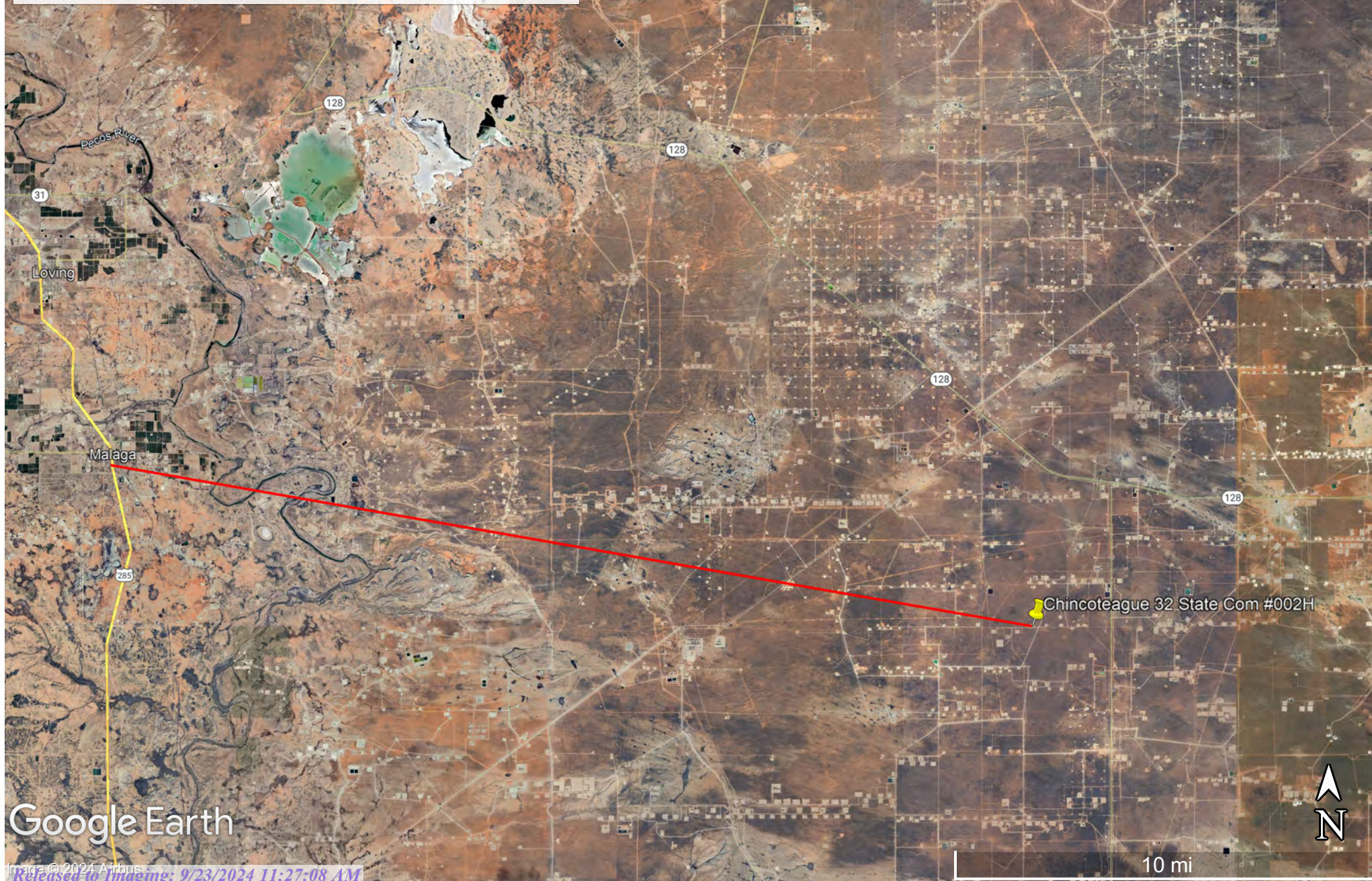
Figure 5- Confirmation Sample Map

Chincoteague 32 State Com #002H

Devon Energy
API: 30-025-42263
Lea County, NM
Location Map
NAPP2216530933

Legend

-  22 miles SE of Malaga, NM
-  Chincoteague 32 State Com #002H



Google Earth

Chincoteague 32 State Com #002H

Devon Energy
API: 30-025-42263
Lea County, NM
Topographic Map
NAPP2216530933

Legend



Chincoteague 32 State Com #002H







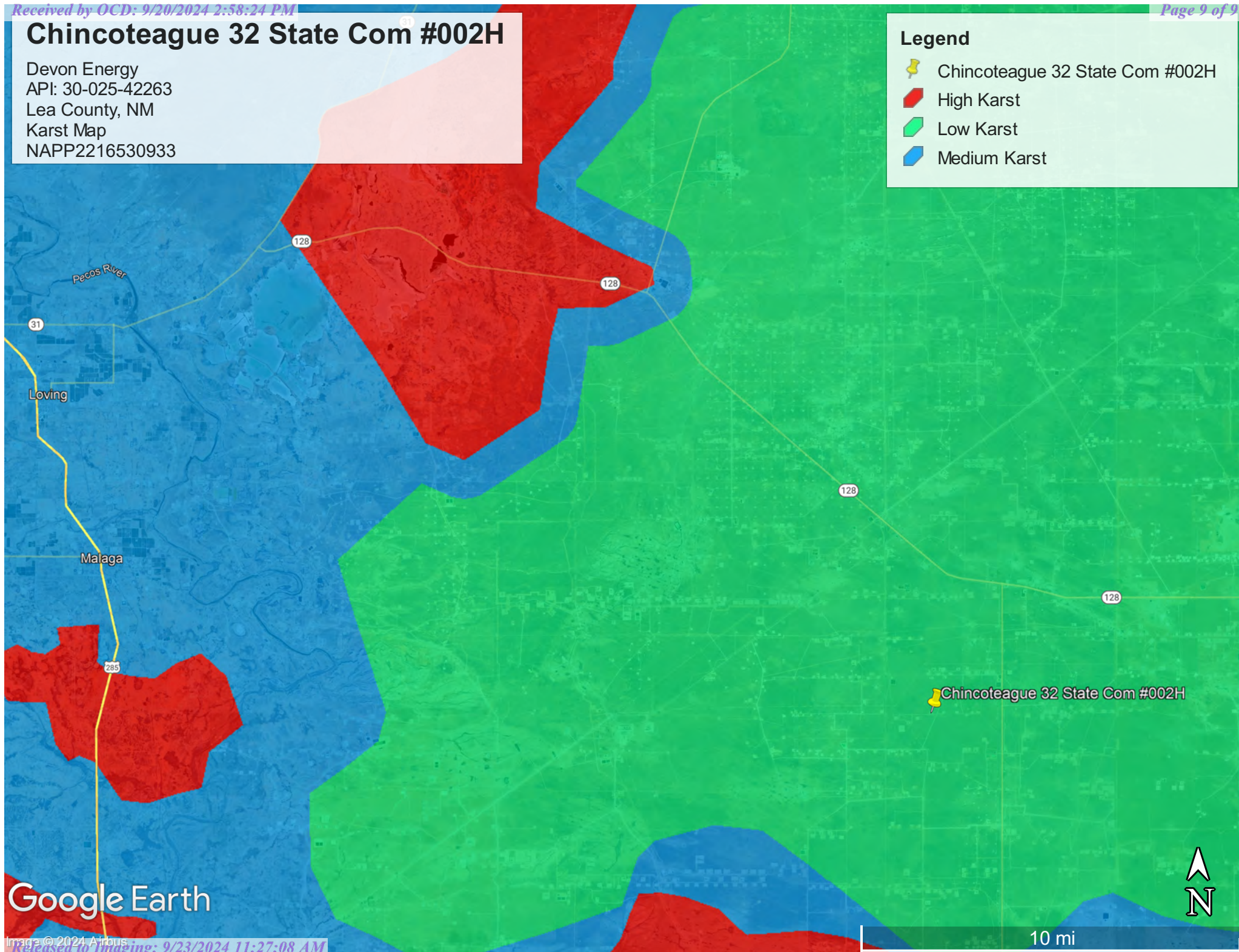
Google Earth

Chincoteague 32 State Com #002H

Devon Energy
API: 30-025-42263
Lea County, NM
Karst Map
NAPP2216530933

Legend

-  Chincoteague 32 State Com #002H
-  High Karst
-  Low Karst
-  Medium Karst








Google Earth

Chincoteague 32 State Com #2H

Devon Energy
API: 30-025-42263
Lea County, NM
Site Map
NAPP2216530933

Legend

-  1,292 Sqft
-  Chincoteague 32 St Com #2H
-  Sidewalls/Background
-  Samples

 Chincoteague 32 St Com #2H

 SW2  S1  SW1
 SW3  S2  SW6
 S3  SW5
 SW4

 BG1

Google Earth



100 ft

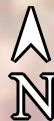
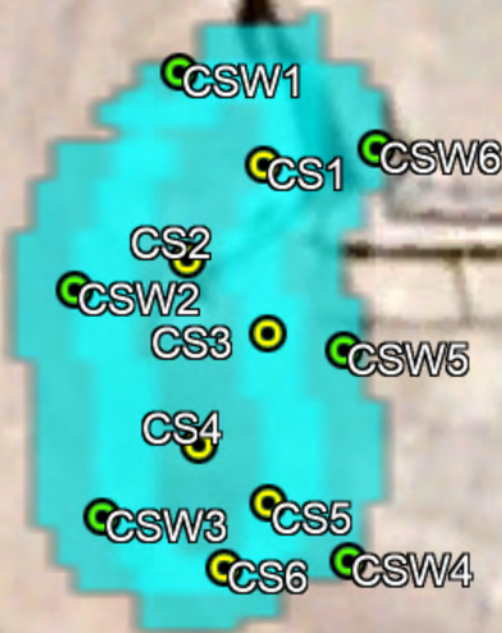
Chincoteague 32 State Com #2H

Devon Energy
API: 30-025-42263
Lea County NM
Confirmation Sample Map
NAPP2216530933

Legend

- 1,292 Sqft
- Chincoteague 32 St Com #2H
- Confirmation Samples
- Confirmation Sidewall Samples

Chincoteague 32 St Com #2H





Appendix A


Water Surveys:

- OSE
- USGS
- Surface Water Map

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 Nbr	Q64	Q16	Q4	Sec	Tw	Rng	X	Y	Map
NA	C 04858 POD1	SE	SE	SW	32	24S	32E	622834.1	3559754.2	

* UTM location was derived from PLSS - see Help




Driller License:	1862	Driller Company:	H&R ENTERPRISES, LLC
Driller Name:	HAWLEY, JAMES CODYELALL OFF		
Drill Start Date:	2024-08-08	Drill Finish Date:	2024-08-08
Log File Date:	2024-08-19	PCW Rcv Date:	Source:
Pump Type:	Pipe Discharge Size:	Estimated Yield:	
Casing Size:	Depth Well:	55	Depth Water:

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

Chincoteague 32 State Com #002H

Devon Energy
API: 30-025-42263
Lea County, NM
OSE POD Map
NAPP2216530933

Legend

-  0.30 of a Mile
-  C-4858-POD1
-  Chincoteague 32 St Com #2H

Chincoteague 32 St Com #2H

C-4858-POD1

Google Earth



1000 ft



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S) C-4858	
	WELL OWNER NAME(S) Devon Energy Production				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 6488 Seven Rivers Hwy.				CITY Artesia	STATE NM
					ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 10	SECONDS 03.28	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND
	LONGITUDE -103	41	50.02	W	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SE SW S-32 T-24S R-32E						

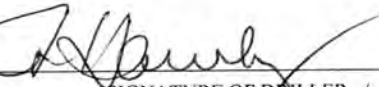
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley		NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC.		
	DRILLING STARTED 8/8/24	DRILLING ENDED 8/8/24	DEPTH OF COMPLETED WELL (FT) 55	BORE HOLE DEPTH (FT) 55	DEPTH WATER FIRST ENCOUNTERED (FT) Dry Hole		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 8/14/24	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
				No Casing left in hole			

3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
				N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES <small>(attach supplemental sheets to fully describe all units)</small>	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
4. HYDROGEOLOGIC LOG OF WELL	0	5	5	red clay mixed with caliche	Y ✓ N	
	5	20	15	tan sandy clay	Y ✓ N	
	20	25	5	red sand	Y ✓ N	
	25	55	30	red dry clay	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER – SPECIFY: N/A					TOTAL ESTIMATED WELL YIELD (gpm):
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: well was drilled 8/8/24, no water was encountered, well was gauged on 8/14/24 and was dry, casing was removed and well was plugged in accordance with the approved plugging plan of operations.					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer						
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:					
				James Hawley	8/15/24	
SIGNATURE OF DRILLER / PRINT SIGNEE NAME			DATE			

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.		PAGE 2 OF 2



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4858 Pod-1
 Well owner: Devon Energy Production Phone No.: _____
 Mailing address: 6488 Seven Rivers Hwy
 City: Artesia State: NM Zip code: 88210

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC.
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
James Hawley
- 4) Date well plugging began: 8/14/24 Date well plugging concluded: 8/14/24
- 5) GPS Well Location: Latitude: 32 deg, 10 min, 03.28 sec
 Longitude: -103 deg, 41 min, 50.02 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),
 by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/1/24
- 9) Were all plugging activities consistent with an approved plugging plan? no If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

GPS on plugging plan did not match the GPS on the permit, something got mixed up, also the theoretical volume on the plugging plan was for 2 inch casing, not the actual 6 inch borehole that was plugged, the correct volumes are listed on the log.

- For each interval plugged, describe within the following columns:**

[illegible]

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7 4805	=	gallons
cubic yards	x	201.97	=	gallons

I, James Hawley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of W

Signature of Well Driller

8/15/24

Date _____



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National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

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- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 321005103402301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321005103402301 24S.32E.33.42241

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070001

Latitude 32°10'21.6", Longitude 103°40'18.9" NAD83

Land-surface elevation 3,499.00 feet above NGVD29

The depth of the well is 367 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

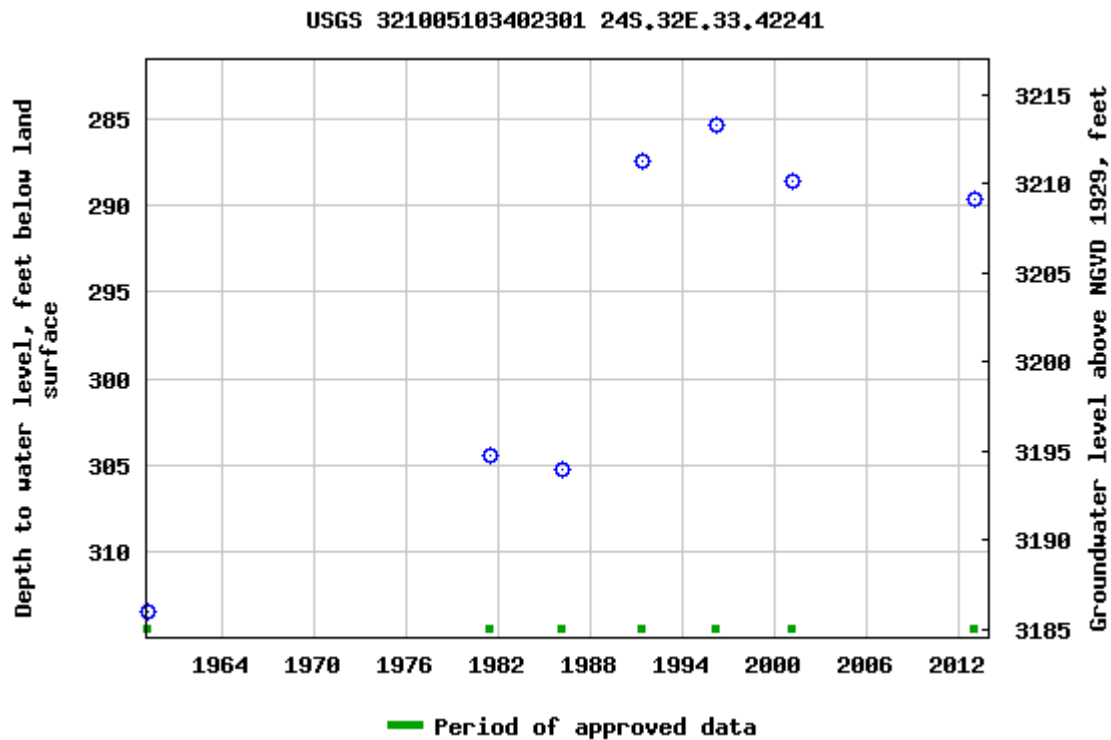
Output formats

[Table of data](#)

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Breaks in the plot represent a gap of at least one year between field measurements.
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Title: Groundwater for USA: Water Levels

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



Page Contact Information: [USGS Water Data Support Team](#)




Page Last Modified: 2024-05-22 11:56:01 EDT

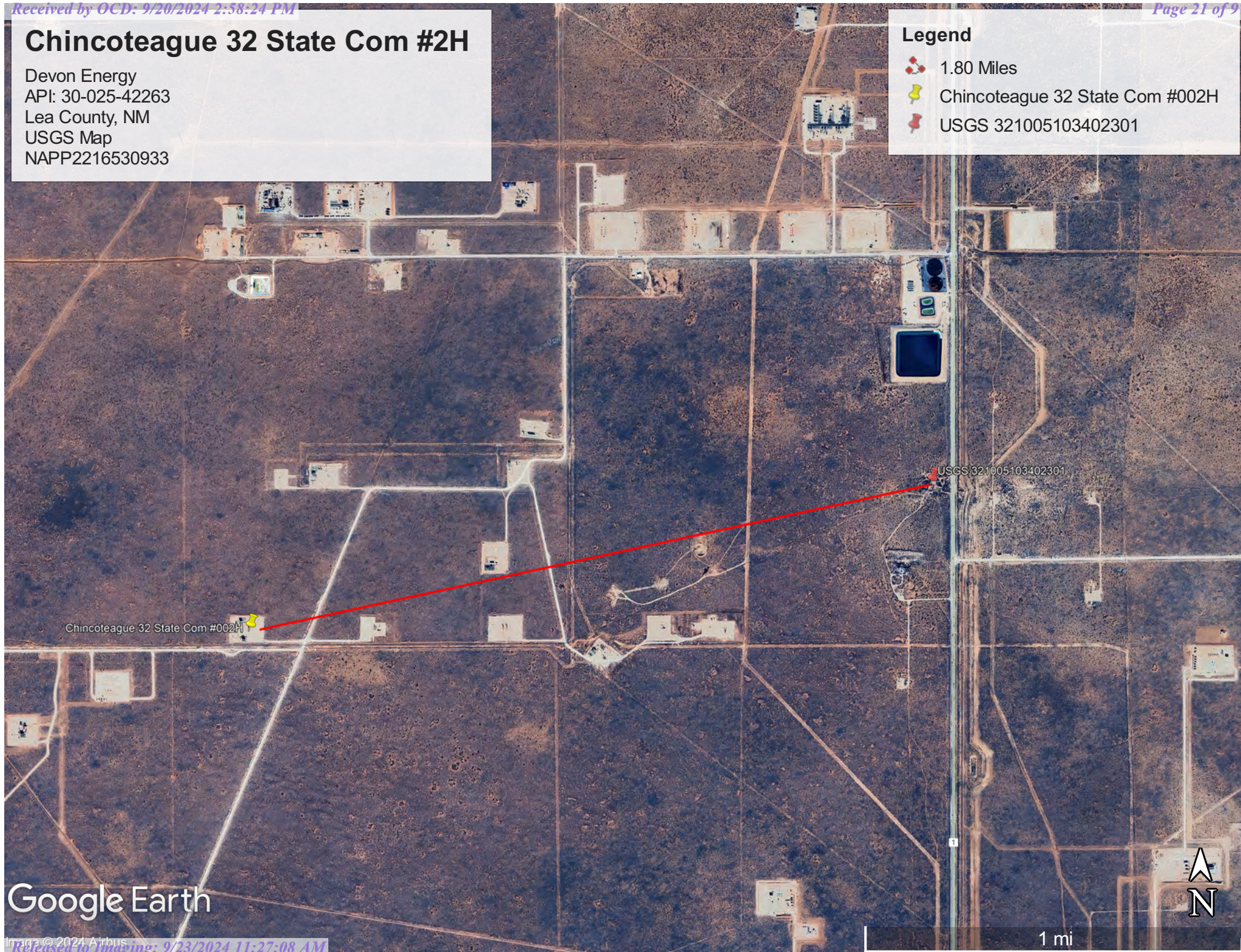
0.72 0.63 nadww02

Chincoteague 32 State Com #2H

Devon Energy
API: 30-025-42263
Lea County, NM
USGS Map
NAPP2216530933

Legend

-  1.80 Miles
-  Chincoteague 32 State Com #002H
-  USGS 321005103402301






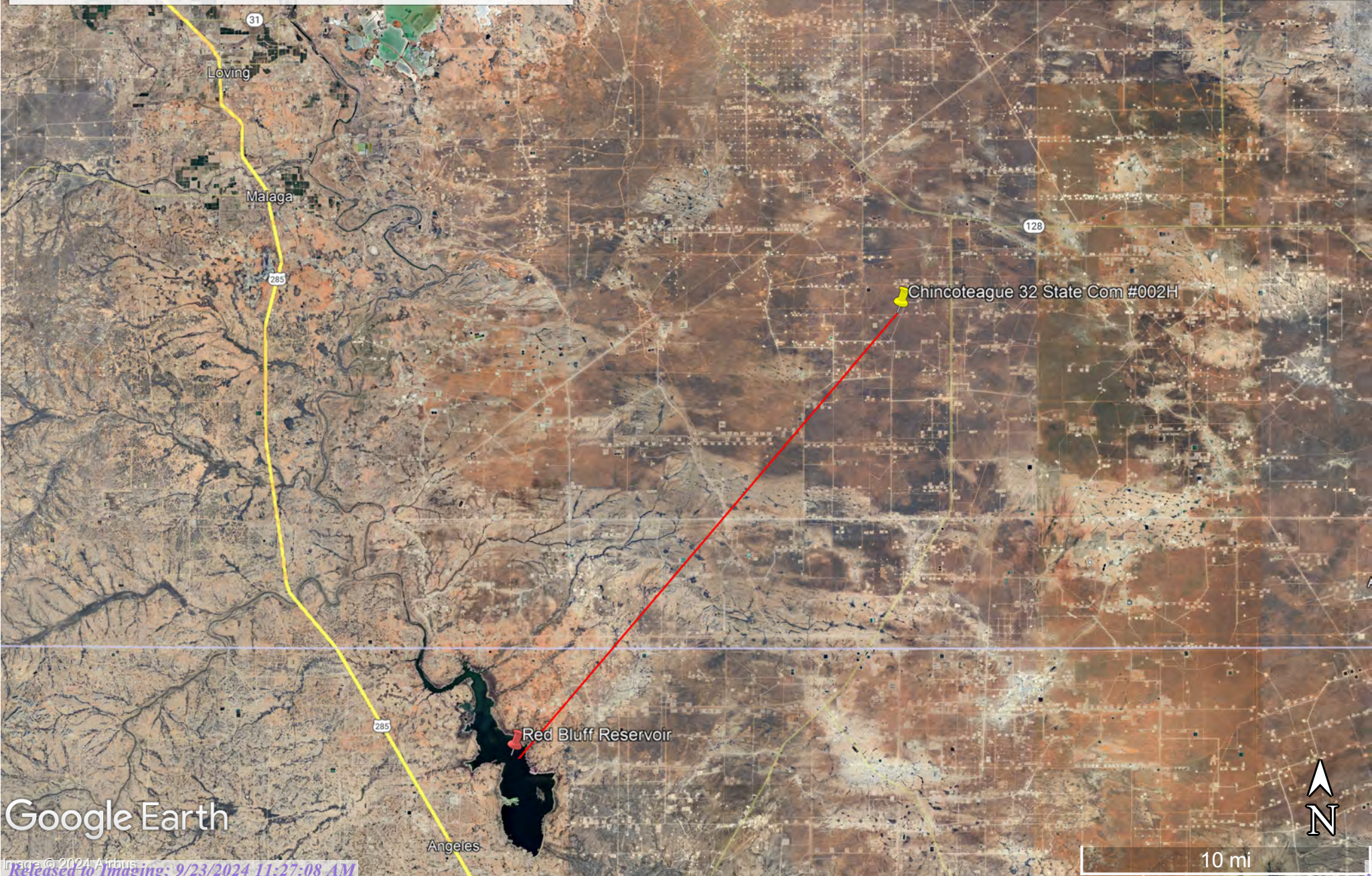
Google Earth

Chincoteague 32 State Com #002H

Devon Energy
API: 30-025-42263
Lea County, NM
Surface Water Map
NAPP2216530933

Legend

-  20 miles
-  Chincoteague 32 State Com #002H
-  Red Bluff Reservoir



Google Earth

Appendix B

- Soil Survey & Soil Maps
- Geological Data
- FEMA Flood Map
- Wetlands Map

Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,
New Mexico

Lea County, New Mexico

MF—Maljamar and Palomas fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmqb

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 15 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Maljamar and similar soils: 46 percent

Palomas and similar soils: 44 percent

Minor components: 10 percent

*Estimates are based on observations, descriptions, and transects of
the mapunit.*

Description of Maljamar

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary
rock

Typical profile

A - 0 to 24 inches: fine sand

Bt - 24 to 50 inches: sandy clay loam

Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 40 to 60 inches to petrocalcic

Drainage class: Well drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): Very low
to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0
mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 7e

Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,
New Mexico

Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Palomas

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from sandstone

Typical profile

A - 0 to 16 inches: fine sand
Bt - 16 to 60 inches: sandy clay loam
Bk - 60 to 66 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water
(Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 45 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0
mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 7.5
inches)

Interpretive groups

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

Minor Components

Kermit

Percent of map unit: 5 percent
Ecological site: R070BC022NM - Sandhills
Hydric soil rating: No

Wink

Percent of map unit: 5 percent
Ecological site: R070BD003NM - Loamy Sand

Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,
New Mexico

Hydric soil rating: No

Data Source Information

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

Soil Map—Lea County, New Mexico




Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

6/24/2024
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

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

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MF	Maljamar and Palomas fine sands, 0 to 3 percent slopes	64.8	100.0%
Totals for Area of Interest		64.8	100.0%

(<https://www.usgs.gov/>)

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)
/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)
/ New Mexico (/geology/state/state.php?state=NM)

Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0)	JSON (/geology/state/json/NMQep;0)
Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)	

Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits.

State	New Mexico (/geology/state/state.php?state=NM)
Name	Eolian and piedmont deposits
Geologic age	Holocene to middle Pleistocene
Lithologic constituents	Major Unconsolidated (Eolian) Interlayered eolian sands and piedmont-slope deposits
References	New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).
NGMDB product	NGMDB product page for 22974 (https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)
Counties	Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)




DOI Privacy Policy (<https://www.doi.gov/privacy>) | Legal (https://www.usgs.gov/laws/policies_notices.html) |
Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |
Contact USGS (<https://answers.usgs.gov/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiig.gov/>) |

Chincoteague 32 State Com #2H

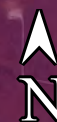
Devon Energy
API: 30-025-42263
Lea County, NM
Geological Map
NAPP2216530933

Legend

-  Chincoteague 32 State Com #002H
-  Eolian and piedmont deposits
-  Piedmont alluvial deposits

Google Earth

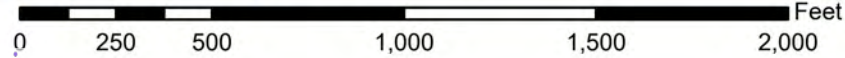
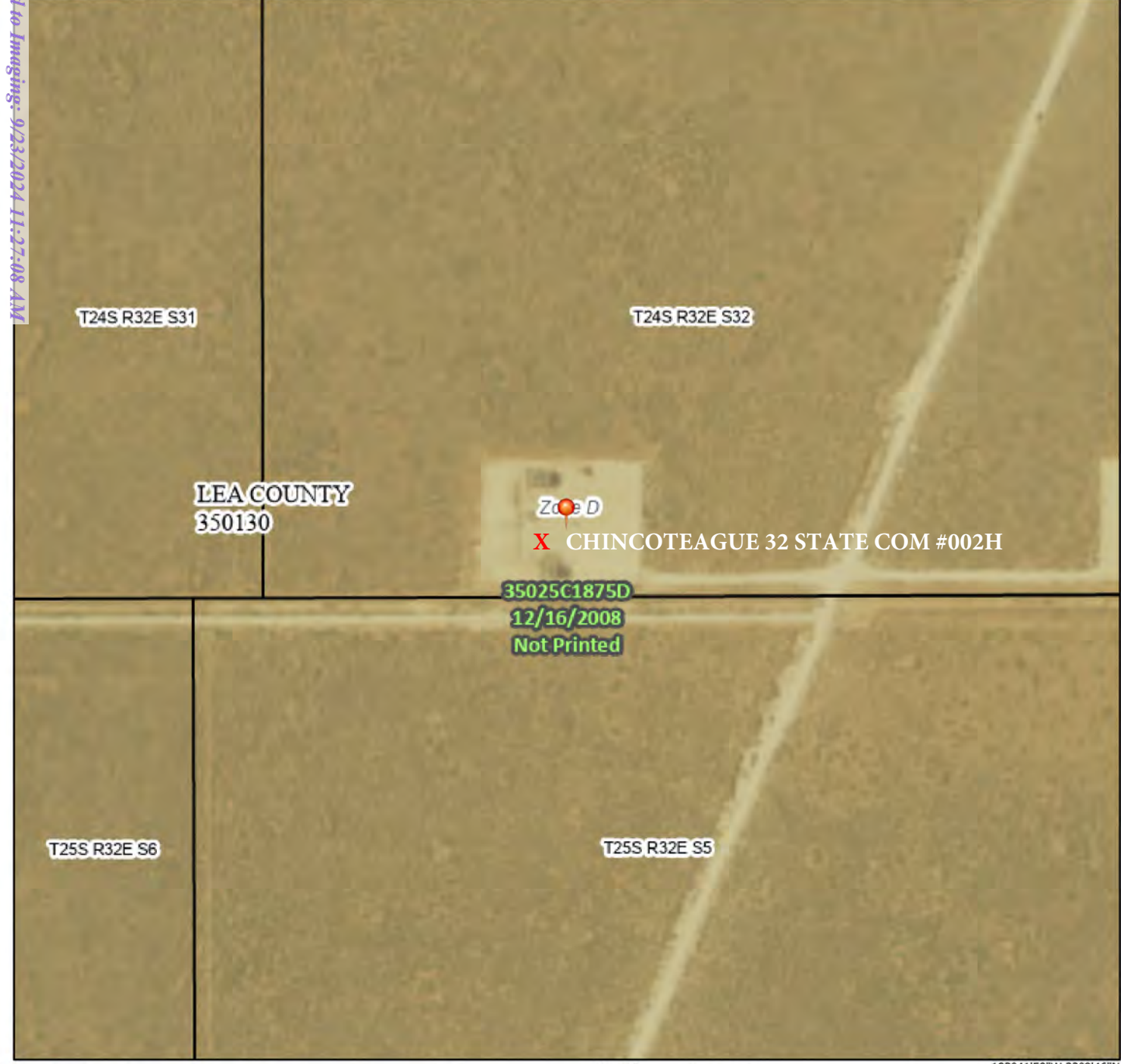
2 mi



National Flood Hazard Layer FIRMette



3°42'27"W 32°10'17"N



1:6,000

103°41'50"W 32°9'46"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

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

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/22/2024 at 12:03 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Released to Imaging: 9/23/2024 11:27:08 AM

Received by OCD: 9/23/2024 2:58:24 PM

Page 32 of 97

Wetlands



May 22, 2024

Wetlands

- | | | | | | |
|-------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | 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 C

○ 48-Hour Notification

lynsey@pimaoil.com

From: Woodall, Dale <Dale.Woodall@dvn.com>
Sent: Thursday, June 6, 2024 2:43 PM
To: 'Gio PimaOil'; Lynsey Pima Oil
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 351667

Dale Woodall
Environmental Professional
Hobbs, NM
Office: 575-748-1838
Mobile: 405-318-4697
Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, June 6, 2024 2:41 PM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 351667

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2216530933.

The sampling event is expected to take place:

When: 06/11/2024 @ 08:00

Where: M-32-24S-32E 200 FSL 880 FWL (32.1671345,-103.7023622)

Additional Information: Andrew Franco -806-200-0054

Additional Instructions: M-32-24S-32E (32.1671345,-103.7023622 NAD83) From the intersection of NM 128 and County Rd 1, travel south on County Rd 1 for 2.35 miles, turn west on Lease Rd for 1.02 miles, turn south on lease Rd for 0.63 of a mile, turn west on lease Rd for 0.37 of a mile, turning south on lease Rd for 0.42 of a mile, arriving to location on the right.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.



Appendix D

○ Photographic Documentation



PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Chincoteague 32 St Com #2H

Assessment:



Site information sign.



Photo taken during assessment.



Photo taken during assessment.



Photo taken during assessment.



Photo taken during assessment.

**PHOTOGRAPHIC DOCUMENTATION****SITE NAME: Chincoteague 32 St Com #2H****Confirmation Samples:**

Photo taken whilst collecting confirmation samples, taken facing Southeast.



Photo taken whilst collecting confirmation samples, taken facing Southeast.



Photo taken whilst collecting confirmation samples, taken facing Northwest.



Photo taken whilst collecting confirmation samples, taken facing Northwest.



Appendix E

○ Laboratory Reports

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Chincoteague 32 St. Com 2H

Work Order: E405343

Job Number: 01058-0007

Received: 5/24/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/5/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/5/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Chincoteague 32 St. Com 2H
Workorder: E405343
Date Received: 5/24/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/24/2024 8:00:00AM, under the Project Name: Chincoteague 32 St. Com 2H.

The analytical test results summarized in this report with the Project Name: Chincoteague 32 St. Com 2H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	06/05/24 11:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 0.6'	E405343-01A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
S1 - 1'	E405343-02A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
S1 - 2'	E405343-03A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
S1 - 3'	E405343-04A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
S2 - 0.6'	E405343-05A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
S2 - 1'	E405343-06A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
S2 - 2'	E405343-07A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
S2 - 3'	E405343-08A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
S3 - 0.6'	E405343-09A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
S3 - 1'	E405343-10A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
S3 - 2'	E405343-11A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
S3 - 3'	E405343-12A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
SW1	E405343-13A	Soil	05/22/24	05/24/24	Glass Jar, 2 oz.
SW2	E405343-14A	Soil	05/22/24	05/24/24	Glass Jar, 4 oz.
SW3	E405343-15A	Soil	05/22/24	05/24/24	Glass Jar, 4 oz.
SW4	E405343-16A	Soil	05/22/24	05/24/24	Glass Jar, 4 oz.
SW5	E405343-17A	Soil	05/22/24	05/24/24	Glass Jar, 4 oz.
SW6	E405343-18A	Soil	05/22/24	05/24/24	Glass Jar, 4 oz.
BG1	E405343-19A	Soil	05/22/24	05/24/24	Glass Jar, 4 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Chincoteague 32 St. Com 2H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/5/2024 11:36:53AM

S1 - 0.6'

E405343-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.9 %	70-130	05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		109 %	70-130	05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>		104 %	50-200	06/03/24	06/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Chincoteague 32 St. Com 2H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/5/2024 11:36:53AM

S1 - 1'

E405343-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.7 %	70-130	05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		110 %	70-130	05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
		99.9 %	50-200	06/03/24	06/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2422098
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Chincoteague 32 St. Com 2H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/5/2024 11:36:53AM

S1 - 2'

E405343-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	98.9 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2422098
Chloride	22.5	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Chincoteague 32 St. Com 2H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 6/5/2024 11:36:53AM
-----------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------	----------------------------------

S1 - 3'

E405343-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2422098
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported: 6/5/2024 11:36:53AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 0.6'

E405343-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2422098
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported: 6/5/2024 11:36:53AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 1'

E405343-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
Surrogate: 4-Bromochlorobenzene-PID	92.5 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	109 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
Surrogate: n-Nonane	106 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported: 6/5/2024 11:36:53AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 2'

E405343-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
Surrogate: 4-Bromochlorobenzene-PID	92.2 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	110 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
Surrogate: n-Nonane	111 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	20.7	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported: 6/5/2024 11:36:53AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 3'

E405343-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.0 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported: 6/5/2024 11:36:53AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 - 0.6'

E405343-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
Surrogate: 4-Bromochlorobenzene-PID	95.2 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	113 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
Surrogate: n-Nonane	107 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Chincoteague 32 St. Com 2H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/5/2024 11:36:53AM

S3 - 1'

E405343-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2422098
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported: 6/5/2024 11:36:53AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 - 2'

E405343-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.2 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	21.3	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported: 6/5/2024 11:36:53AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 - 3'

E405343-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.0 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Chincoteague 32 St. Com 2H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/5/2024 11:36:53AM

SW1

E405343-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.2 %	70-130	05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	06/03/24	06/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2422098
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported: 6/5/2024 11:36:53AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW2

E405343-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported: 6/5/2024 11:36:53AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW3

E405343-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported: 6/5/2024 11:36:53AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW4

E405343-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported: 6/5/2024 11:36:53AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW5

E405343-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Chincoteague 32 St. Com 2H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/5/2024 11:36:53AM

SW6

E405343-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2422067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2423002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		06/03/24	06/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2422098	
Chloride	ND	20.0	1	05/30/24	05/31/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Chincoteague 32 St. Com 2H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/5/2024 11:36:53AM

BG1

E405343-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Benzene	ND	0.0250	1	05/29/24	06/03/24	
Ethylbenzene	ND	0.0250	1	05/29/24	06/03/24	
Toluene	ND	0.0250	1	05/29/24	06/03/24	
o-Xylene	ND	0.0250	1	05/29/24	06/03/24	
p,m-Xylene	ND	0.0500	1	05/29/24	06/03/24	
Total Xylenes	ND	0.0250	1	05/29/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.2 %	70-130	05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2422067
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	05/29/24	06/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/24	06/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/24	06/04/24	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	06/03/24	06/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2422098
Chloride	ND	20.0	1	05/30/24	05/31/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/5/2024 11:36:53AM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2422067-BLK1)

Prepared: 05/29/24 Analyzed: 06/03/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			

LCS (2422067-BS1)

Prepared: 05/29/24 Analyzed: 06/03/24

Benzene	5.53	0.0250	5.00		111	70-130			
Ethylbenzene	5.22	0.0250	5.00		104	70-130			
Toluene	5.45	0.0250	5.00		109	70-130			
o-Xylene	5.33	0.0250	5.00		107	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.2	70-130			

LCS Dup (2422067-BSD1)

Prepared: 05/29/24 Analyzed: 06/03/24

Benzene	5.27	0.0250	5.00		105	70-130	4.80	20	
Ethylbenzene	4.97	0.0250	5.00		99.5	70-130	4.79	20	
Toluene	5.20	0.0250	5.00		104	70-130	4.87	20	
o-Xylene	5.08	0.0250	5.00		102	70-130	4.88	20	
p,m-Xylene	10.2	0.0500	10.0		102	70-130	4.82	20	
Total Xylenes	15.3	0.0250	15.0		102	70-130	1.05	20	
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/5/2024 11:36:53AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2422067-BLK1) Prepared: 05/29/24 Analyzed: 06/03/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.68		8.00		109	70-130			

LCS (2422067-BS2) Prepared: 05/29/24 Analyzed: 06/03/24

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.95		8.00		112	70-130			

LCS Dup (2422067-BSD2) Prepared: 05/29/24 Analyzed: 06/03/24

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0		93.9	70-130	2.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.80		8.00		110	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/5/2024 11:36:53AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2423002-BLK1) Prepared: 06/03/24 Analyzed: 06/04/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.8		50.0		110	50-200			

LCS (2423002-BS1) Prepared: 06/03/24 Analyzed: 06/04/24

Diesel Range Organics (C10-C28)	307	25.0	250		123	38-132			
Surrogate: n-Nonane	55.5		50.0		111	50-200			

LCS Dup (2423002-BSD1) Prepared: 06/03/24 Analyzed: 06/04/24

Diesel Range Organics (C10-C28)	303	25.0	250		121	38-132	1.16	20	
Surrogate: n-Nonane	55.2		50.0		110	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/5/2024 11:36:53AM

Anions by EPA 300.0/9056A

Analyst: WF

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2422098-BLK1)					Prepared: 05/30/24 Analyzed: 05/31/24				
Chloride	ND	20.0							
LCS (2422098-BS1)					Prepared: 05/30/24 Analyzed: 05/31/24				
Chloride	247	20.0	250		98.6	90-110			
LCS Dup (2422098-BSD1)					Prepared: 05/30/24 Analyzed: 05/31/24				
Chloride	248	20.0	250		99.1	90-110	0.488	20	

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Chincoteague 32 St. Com 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	06/05/24 11:36

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Page 71 of 97Page 30 of 32

B# 21042808

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




envirotech

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

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

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

 envirotec

Project Information

[illegible]

Additional Instructions:

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

Sampled by: _____

Received by: (Signature) _____ Date: 2/29/16

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

1, (field sampler), attest to the validity and authenticity of this sample. Failure to do so is considered fraud and may be grounds for legal action.			Sampled by:		Lab Use Only	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<i>Karime Adame</i>	5/23/24	1:27	<i>Michelle Gonzalez</i>	5-23-24	1327	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzalez</i>	5-23-24	1620	<i>[Signature]</i>	5-23-24	1800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>[Signature]</i>	5.23.24	2400	<i>[Signature]</i>	5/24/24	0800	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other			Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA			
Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above						

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

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



Envirotech Analytical Laboratory

Printed: 5/28/2024 9:40:22AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/24/24 08:00	Work Order ID:	E405343
Phone:	(575) 631-6977	Date Logged In:	05/24/24 07:55	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	06/03/24 17:00 (5 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

No. of containers not documented on COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 12, 2024

GIO GOMEZ

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: CHINCOTEAGUE 32 STATE COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 06/11/24 13:18.

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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)

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS 1 (H243347-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	1.91	95.6	2.00	3.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.93	96.6	2.00	3.37	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.83	91.4	2.00	3.53	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.67	94.6	6.00	3.66	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/12/2024	ND	400	100	400	3.92		

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS 2 (H243347-02)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	1.91	95.6	2.00	3.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.93	96.6	2.00	3.37	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.83	91.4	2.00	3.53	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.67	94.6	6.00	3.66	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/12/2024	ND	400	100	400	3.92	

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS 3 (H243347-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	1.91	95.6	2.00	3.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.93	96.6	2.00	3.37	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.83	91.4	2.00	3.53	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.67	94.6	6.00	3.66	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/12/2024	ND	400	100	400	3.92	

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS 4 (H243347-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	1.91	95.6	2.00	3.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.93	96.6	2.00	3.37	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.83	91.4	2.00	3.53	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.67	94.6	6.00	3.66	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92	

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS 5 (H243347-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	1.91	95.6	2.00	3.36	
Toluene*	<0.050	0.050	06/12/2024	ND	1.93	96.6	2.00	3.37	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.83	91.4	2.00	3.53	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	5.67	94.6	6.00	3.66	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92	

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS 6 (H243347-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	1.91	95.6	2.00	3.36	
Toluene*	<0.050	0.050	06/12/2024	ND	1.93	96.6	2.00	3.37	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.83	91.4	2.00	3.53	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	5.67	94.6	6.00	3.66	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/12/2024	ND	400	100	400	3.92	

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CSW 1 (H243347-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	1.91	95.6	2.00	3.36		
Toluene*	<0.050	0.050	06/12/2024	ND	1.93	96.6	2.00	3.37		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.83	91.4	2.00	3.53		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	5.67	94.6	6.00	3.66		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/12/2024	ND	400	100	400	3.92		

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CSW 2 (H243347-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	1.91	95.6	2.00	3.36	
Toluene*	<0.050	0.050	06/12/2024	ND	1.93	96.6	2.00	3.37	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.83	91.4	2.00	3.53	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	5.67	94.6	6.00	3.66	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/12/2024	ND	400	100	400	3.92	

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CSW 3 (H243347-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	1.91	95.6	2.00	3.36	
Toluene*	<0.050	0.050	06/12/2024	ND	1.93	96.6	2.00	3.37	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.83	91.4	2.00	3.53	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	5.67	94.6	6.00	3.66	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92	

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CSW 4 (H243347-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	1.91	95.6	2.00	3.36		
Toluene*	<0.050	0.050	06/12/2024	ND	1.93	96.6	2.00	3.37		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.83	91.4	2.00	3.53		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	5.67	94.6	6.00	3.66		
Total BTEx	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/12/2024	ND	400	100	400	3.92		

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CSW 5 (H243347-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	1.91	95.6	2.00	3.36		
Toluene*	<0.050	0.050	06/12/2024	ND	1.93	96.6	2.00	3.37		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.83	91.4	2.00	3.53		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	5.67	94.6	6.00	3.66		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: CHINCOTEAGUE 32 STATE COM 2H
Project Number: 1-159
Project Location: DEVON

Sampling Date: 06/11/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CSW 6 (H243347-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	1.91	95.6	2.00	3.36		
Toluene*	<0.050	0.050	06/12/2024	ND	1.93	96.6	2.00	3.37		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.83	91.4	2.00	3.53		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	5.67	94.6	6.00	3.66		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

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	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Notes and Definitions

- 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

Celey D. Keene, Lab Director/Quality Manager



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Pima Environmental Services				P.O. #:				BILL TO												ANALYSIS REQUEST																																																																											
Project Manager: Gio Gomez				Address: 5614 N. Lovington Hwy				City: Hobbs				State: NM				Zip: 88240				Company: Devon																																																																											
Phone #: 575-964-7740				Fax #:				Project #: 1-199				Project Owner: Devon				Attn:																																																																															
Project Name: Chincoteague 32 statecom ZH				Project Location:				Sampler Name:				Matrix				PRESERV				SAMPLING				Address:																																																																							
FOR LAB USE ONLY				Sample I.D.				# CONTAINERS				GROUNDWATER				WASTEWATER				SLUDGE				OTHER:				ACID/BASE:				ICE / COOL				OTHER:				DATE				TIME				City:																																															
Lab I.D.				CS1				C				X				X				X				X				X				X				X				X				X				X				X				State:																																							
172327				CS2																																																												Phone #:																															
2				CS3																																																																Fax #:																											
3				CS4																																																																Date																											
4				CS5																																																																				Time																							
5				CS6																																																																				Phone Result:																							
6				CSW1																																																																								Fax Result:																			
7				CSW2																																																																												REMARKS:															
8				CSW3																																																																												Phone Result: Yes No Add'l Phone #:															
9				CSW4																																																																																Fax Result: Yes No Add'l Fax #:											

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Relinquished By: Karine Adam		Date: 6-11-24		Time: 138		Received By: S. K. K. K. K.		Date: 6-11-24		Time: 138		Phone Result: Yes No Add'l Phone #:		Fax Result: Yes No Add'l Fax #:		REMARKS: Rosh 24hrs Billing # 210 42808 C700@Pimaail.com	
Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Phone Result:		Fax Result:		REMARKS:	
Delivered By: (Circle One)		-2-7-24		#140		Sample Condition		Cool		Intact		Checked BY: (initials)		Sf			
Sampler - UPS - Bus - Other:						Cool		Intact		Yes No							

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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[illegible]

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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

QUESTIONS

Action 385491

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 385491
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2216530933
Incident Name	NAPP2216530933 CHINCOTEAGUE 32 STATE COM #002H @ 30-025-42263
Incident Type	Fire
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-42263] CHINCOTEAGUE 32 STATE COM #002H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CHINCOTEAGUE 32 STATE COM #002H
Date Release Discovered	06/07/2022
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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	Cause: Fire Other (Specify) Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
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)	Devon LO was assisting Roustabout by bleeding down the facility in preparation for a retrofit LOTO. As he sent pressure to the flare it burped a mist of oil and caused a fire on location. It also caught some vegetation/pasture on fire, which was promptly put out with two fire extinguishers. As a safety precaution, no one was near the flare or fire prior to the facility bleed-down.

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QUESTIONS, Page 2

Action 385491

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	385491
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/20/2024
----------------------------------------------------	--------------------------------------------------------------------------------------------------

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QUESTIONS, Page 3

Action 385491

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 385491
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	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	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	22
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/11/2024
On what date will (or did) the final sampling or liner inspection occur	06/11/2024
On what date will (or was) the remediation complete(d)	06/11/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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District IV

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QUESTIONS, Page 4

Action 385491

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	385491
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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.)	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)	Yes
Other Non-listed Remedial Process. Please specify	analytical results were below OCD levels based on depth to groundwater

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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/20/2024
----------------------------------------------------	--------------------------------------------------------------------------------------------------

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 385491

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 385491
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS, Page 6

Action 385491

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	385491
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	351667
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/11/2024
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	1292

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/20/2024
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Action 385491

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	385491
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 385491

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	385491
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	9/23/2024