



REMEDIATION CLOSURE REPORT

Incident IDs nRM2026532878 & nAPP2118853816

Regulus 26 Fed 5H & Regulus 26 Fed 5H Wellpad

API # 30-015-42489

Prepared By:

Pima Environmental Services, LLC

Prepared For:

Devon Energy Production, LP

July 10, 2024

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

July 10, 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
Regulus 26 Fed 5H Wellpad & Regulus 26 Fed 5H
API No. 30-015-42489
GPS: Latitude 32.637432 Longitude -103.833465
ULSTR – A – 26 – 19S – 31E 0 FNL 0 FEL Eddy County, NM
NMOCD Incident IDs nRM2026532878 & nAPP2118853816

The first incident was a crude oil and produced water mixed release that was discovered by the operator on September 9, 2020. The initial C-141 was submitted on September 21, 2020 (OCD Permitting: Application ID 10174). This incident was assigned Incident ID nRM2026532878 by the New Mexico Oil Conservation Division (NMOCD).

The second incident was a produced water release that was discovered by the operator on June 16, 2021. The initial Notification of Release and C-141 were submitted on July 7, 2021 (OCD Permitting: Applications [35385] and [35394]). This incident was assigned Incident ID nAPP2118853816 by the New Mexico Oil Conservation Division (NMOCD).

Release Information

nRM2026532878: On September 9, 2020, trapper box failed causing fluid release. Approximately 4 barrels (bbls) of crude oil and 6 bbls of produced water was released and 9 bbls were recovered via vacuum truck. For this release, the previously rejected closure report can be found in OCD Permitting: Application ID 164384.

nAPP2118853816: On June 16, 2021, a valve washed out on well causing fluid release. Approximately 20.42 barrels (bbls) of produced water were released and 20 bbls were recovered via vacuum truck.

Site Information and Site Characterization

The Regulus 26 Fed 5H Wellpad (Regulus) is located approximately fifteen (15) miles southeast of Loco Hills, NM. The release area on the wellpad is in Unit A, Section 26, Township 19S, Range 31E, Latitude 32.637432 Longitude -103.833465, Eddy County, NM. A Location Map can be found in Figure 3.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology in this area is made up of eolian and piedmont deposits; 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 Wink loamy fine sand, 0 to 3 percent slopes, eroded according to the United States Department of Agriculture Natural Resources Conservation Service soil survey. The drainage class in this area is: well drained (Appendix B). A Topographic Map can be found in Figure 4. The nearest surface water feature is a salt pond located approximately 3.52 miles to the south of this site. There is a low potential for karst geology to be present around the Regulus (Figure 5).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 130 feet below grade surface (BGS). According to the United States Geological Survey well water data, depth to the nearest groundwater in this area is 142 feet BGS. The groundwater information from CP-01939 POD1 establishes a lack of groundwater at 55' bgs. This POD was drilled and recorded by Atkins Engineering Associates, INC. on April 6, 2023. 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 April 18, 2023. Depth to groundwater at the Regulus will be classified as 51-100' BGS. Referenced water surveys, pod information, and water-related maps can be found in Appendix A.

Delineation Activities

On June 18, 2021, Pima personnel mobilized to the site to begin delineation activities. Samples for vertical delineation were collected from 6 different sample points from depths of 0-6", 2', and 4' bgs. Vertical delineation was not completed at this time for sample points S1 and S2. Horizontal delineation was not completed at this time. The release area measures approximately 4,291 square feet and affects approximately 159 cubic yards of soil. The release remained on the engineered pad, which is still needed for subsequent production and/or drilling purposes.

On May 16, 2024, Pima personnel returned to the site to complete the delineation of this release area. 5-point composite horizontal delineation samples were collected from SW1 through SW8. Each composite sample consisted of 1', 2', 3', 4', and 5' samples. Additionally, further investigation was conducted at S1 and S2 to determine vertical delineation. Discreet samples were collected from 1' and 5' at these sample points.

Complete Site Characterization and Delineation Activities documents for nRM2026532878 can be found in the previously approved Remediation Plan at OCD Online: Permitting – Action Status, under the Application ID: 350383.

Complete Site Characterization and Delineation Activities documents for nAPP2118853816 can be found in the previously approved Remediation Plan at OCD Online: Permitting – Action Status, under the Application ID: 350484.

Remediation Activities & Countermeasures to Closure Rejection

nRM2026532878: On June 17, 2024, Pima Environmental and the Devon construction department mobilized personnel and equipment to the location to begin excavating all the previously bioremediated soil from the release area. A 204 square foot section near the wellhead was excavated to a depth of 3' bgs while the remainder of the area was excavated to a depth of 1' bgs. Clean, fresh backfill material was brought back to the site and stockpiled to be used to backfill the excavation.

nAPP2118853816: On June 17, 2024, Pima Environmental and the Devon construction department mobilized personnel and equipment to the location to begin excavating the release area. The entire impacted area was excavated to a depth of 1' bgs. Clean, fresh backfill material was brought back to the site and stockpiled to be used to backfill the excavation.

The total combined soil removed during this excavation was approximately 210 cubic yards. The combined area measured approximately 5,192 square feet, and depths were approximately 1' and 3' bgs. Photographic Documentation can be found in Appendix D.

On June 26, 2024, after Devon had submitted a 48-Hour sampling notification for each incident (Appendix C), confirmation sampling was performed for the entire combined excavation. The sampling notification for nRM2026532878 can be found in OCD Online: Permitting – Action Status, under the application ID: 356947. The sampling notification for nAPP2118853816 can be found in OCD Online: Permitting – Action Status, under the application ID: 356949. Twenty-six confirmation composite base samples were collected from the base of the excavation and seven confirmation composite wall samples were collected from the walls of the excavation. Each sample collected was representative of no more than a 200 square feet area. After collection, each sample was immediately put on ice, jarred, and delivered to Envirotech Labs for official testing. All samples were analyzed for all constituents listed on Table 1 19.15.29.12 NMAC.

A Data Table representing sample results for the confirmation sampling event can be found in Figure 1. A corresponding Confirmation Sample Map can be found in Figure 2. A complete Laboratory Report can be found in Appendix E.

Remediation Closure Request

After careful review, Devon Energy requests that this remediation closure report for incidents nRM2026532878, nAPP2118853816, 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 – Tom Bynum – 580-748-1613 or tom@pimaoil.com.

Attachments

Figures:

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

Appendices:

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



Figures:

1 - Data Table

2 - Confirmation Sample Map

3 - Location Map

4 - Topographic Map

5 - Karst Map

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY - REGULUS 26 FED 5H - nAPP2118853816 & nRM2026532878								
Date 6/26/2024		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
CS1-1'	1'	ND	ND	ND	ND	ND	0	30
CS2-1'	1'	ND	ND	ND	ND	ND	0	31.6
CS3-1'	1'	ND	ND	ND	ND	ND	0	32.1
CS4-1'	1'	ND	ND	ND	ND	ND	0	32.4
CS5-1'	1'	ND	ND	ND	ND	ND	0	30
CS6-1'	1'	ND	ND	ND	ND	ND	0	29.8
CS7-1'	1'	ND	ND	ND	ND	ND	0	30.2
CS8-1'	1'	ND	ND	ND	ND	ND	0	32.3
CS9-1'	1'	ND	ND	ND	ND	ND	0	24.1
CS10-1'	1'	ND	ND	ND	ND	ND	0	26.9
CS11-3'	3'	ND	ND	ND	ND	ND	0	22.4
CS12-1'	1'	ND	ND	ND	ND	ND	0	27.7
CS13-3'	3'	ND	ND	ND	ND	ND	0	29.3
CS14-1'	1'	ND	ND	ND	ND	ND	0	29.1
CS15-1'	1'	ND	ND	ND	ND	ND	0	30.4
CS16-1'	1'	ND	ND	ND	ND	ND	0	29.2
CS17-1'	1'	ND	ND	ND	ND	ND	0	25.7
CS18-1'	1'	ND	ND	ND	ND	ND	0	31.9
CS19-1'	1'	ND	ND	ND	ND	ND	0	23.5
CS20-1'	1'	ND	ND	ND	ND	ND	0	25
CS21-1'	1'	ND	ND	ND	ND	ND	0	27
CS22-1'	1'	ND	ND	ND	ND	ND	0	26.1
CS23-1'	1'	ND	ND	ND	ND	ND	0	23.6
CS24-1'	1'	ND	ND	ND	ND	ND	0	21.3
CS25-1'	1'	ND	ND	ND	ND	ND	0	24.5
CS26-1'	1'	ND	ND	ND	ND	ND	0	20.7
CSW1-1'	1'	ND	ND	ND	ND	ND	0	23.9
CSW2-1'	1'	ND	ND	ND	ND	ND	0	29.1
CSW3-1'	1'	ND	ND	ND	ND	ND	0	22.9
CSW4-1'	1'	ND	ND	ND	ND	ND	0	25.3
CSW5-1'	1'	ND	ND	ND	ND	ND	0	23.7
CSW6-1'	1'	ND	ND	ND	ND	ND	0	27.9
CSW7-3'	3'	ND	ND	ND	ND	ND	0	29.9

Regulus 26 Fed #5H

Devon Energy
API #30-015-42489
Eddy County, NM
nRM2026532878
nAPP2118853816
Confirmation Sample Map

Legend

- Confirmation composite base samples
- Confirmation composite wall samples
- Excavated areas - 5,092 sqft



100 ft

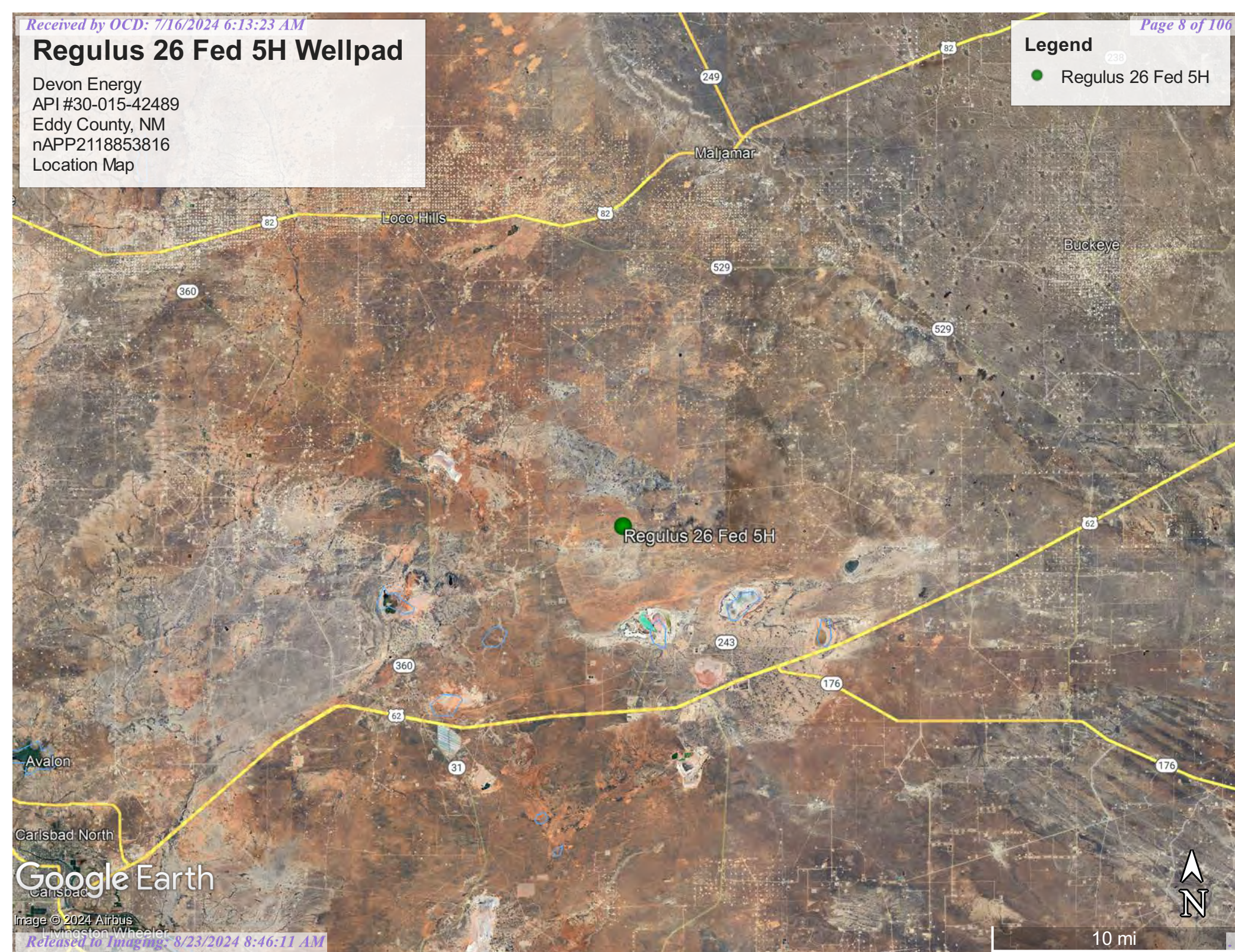
Google Earth

Regulus 26 Fed 5H Wellpad

Devon Energy
API #30-015-42489
Eddy County, NM
nAPP2118853816
Location Map

Legend

● Regulus 26 Fed 5H

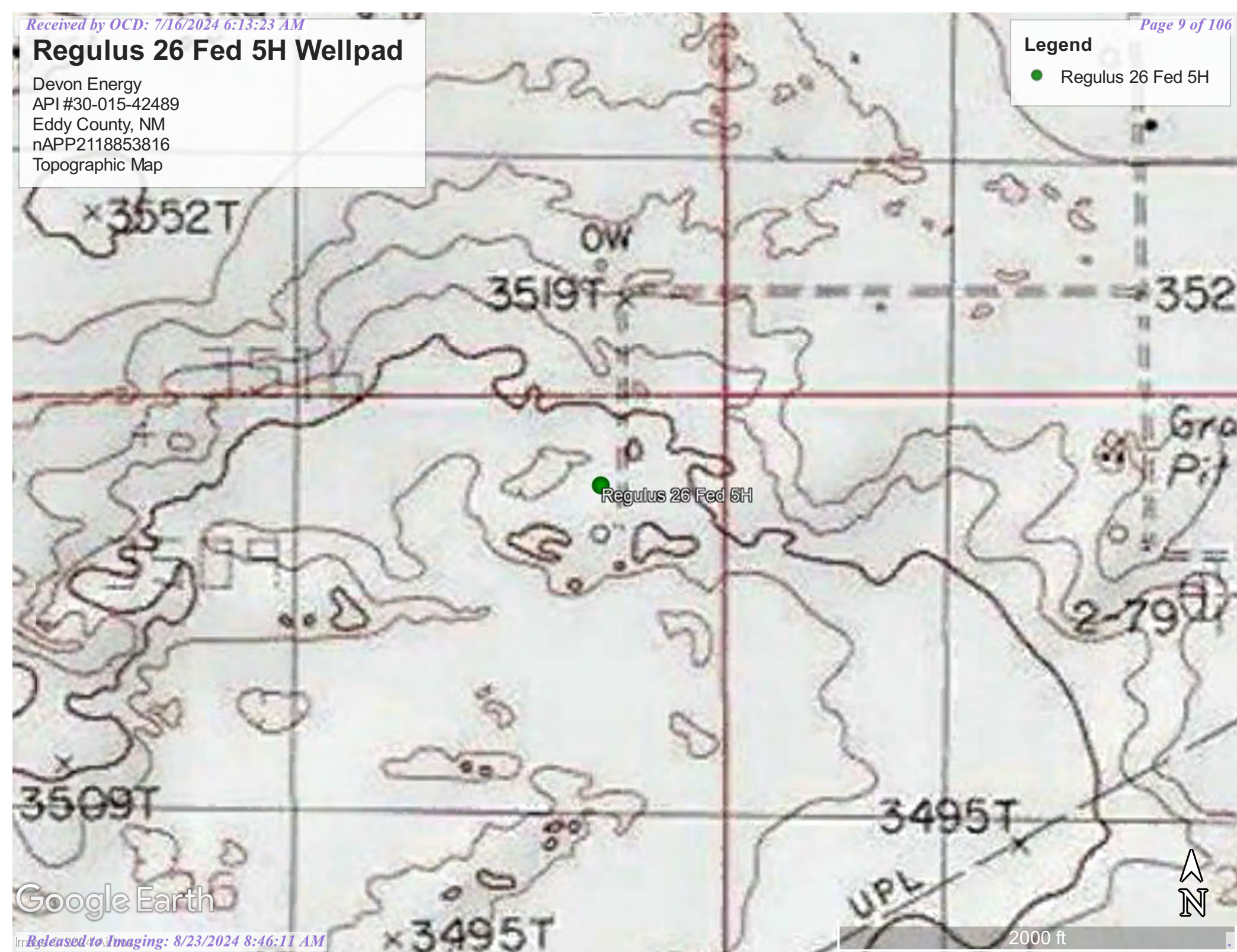


Regulus 26 Fed 5H Wellpad

Devon Energy
API #30-015-42489
Eddy County, NM
nAPP2118853816
Topographic Map

Legend




● Regulus 26 Fed 5H

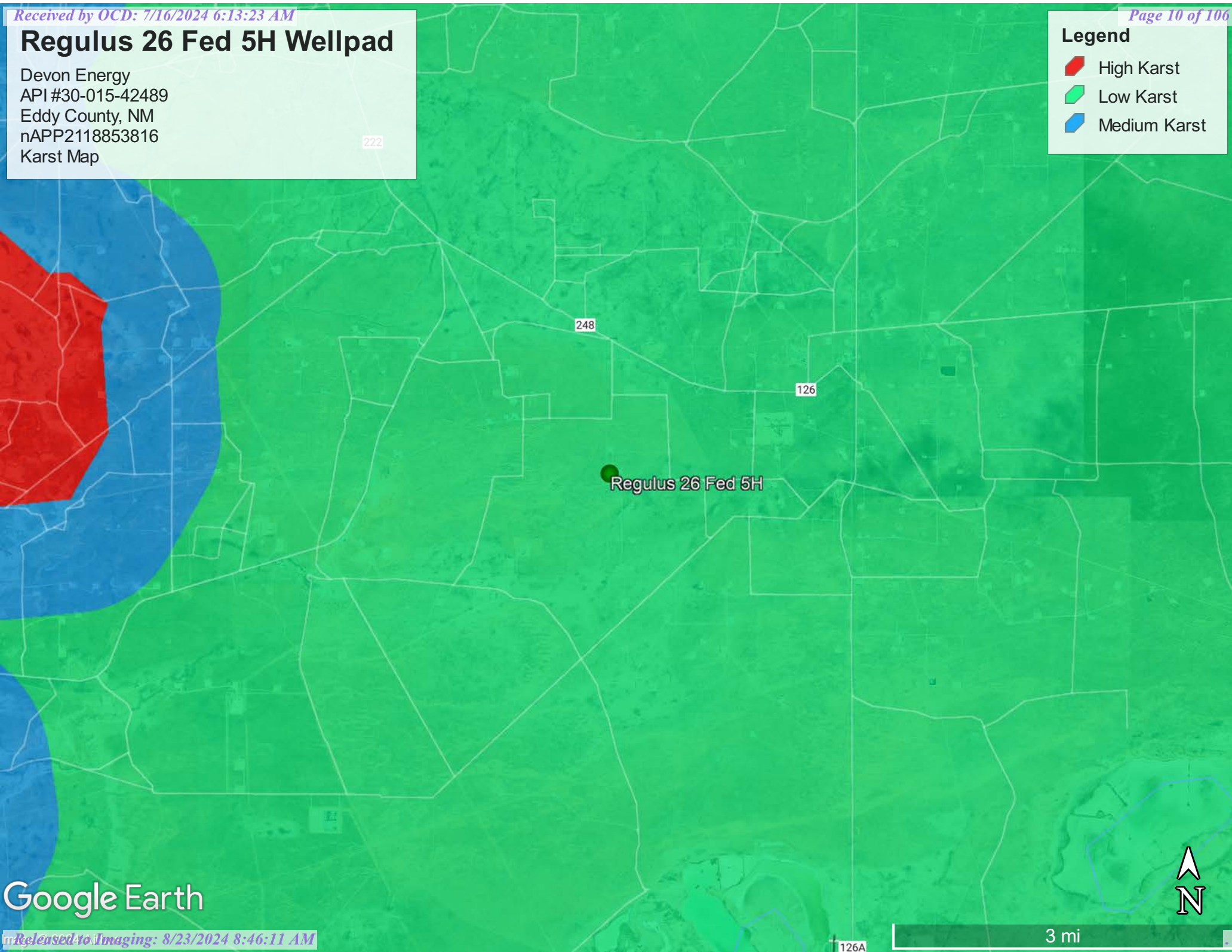


Regulus 26 Fed 5H Wellpad

Devon Energy
API #30-015-42489
Eddy County, NM
nAPP2118853816
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst



Google Earth



Appendix A

Water Surveys:

OSE

USGS

Surface Water Map

Wetlands Map

Fema Flood Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01939 POD1		CP	ED	2	4	2	26	19S	31E	609488	3611347	353			
CP 00642 POD1		CP	ED	2	2	25	19S	31E	611025	3611657*		1605	250		
CP 00641 POD1		CP	ED	4	1	36	19S	31E	610247	3609634*		2219	300	130	170
CP 01554 POD2		CP	LE	2	2	1	22	19S	31E	607165	3613322	2781	400		
CP 01554 POD1		CP	LE	2	2	1	22	19S	31E	607166	3613354	2800	400		

Average Depth to Water: **130 feet**

Minimum Depth: **130 feet**

Maximum Depth: **130 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 609420.41

Northing (Y): 3611693.98

Radius: 3000

*UTM location was derived from PLSS - see Help

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


5/14/24 12:42 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01939 POD1	2	4	2	26	19S	31E	609488	3611347 
<hr/>									
Driller License: 1249		Driller Company: ATKINS ENGINEERING ASSOC. INC.							
Driller Name: JACKIE D, ATKINS									
Drill Start Date: 04/06/2023		Drill Finish Date:		04/06/2023		Plug Date:		04/18/2023	
Log File Date: 04/28/2023		PCW Rcv Date:				Source:			
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:				Depth Water:			

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

5/14/24 12:42 PM

POINT OF DIVERSION SUMMARY



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 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). CP-1939			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 38	SECONDS 3.45 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE -103	49	57.98 W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE SE NE Sec.26 T19S R31E NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 4/6/23	DRILLING ENDED 4/6/23	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 4/18/23		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					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)	SLOT SIZE (inches)
	0 55		±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

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

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO					
	0	4	4	Sand, fine-grained, poorly graded, unconsolidated, Tan	Y ✓ N		
	4	20	16	Sand, fine-grained, poorly graded, semi-consolidated, Tan off white	Y ✓ N		
	20	25	5	Clay, semi plastic, with fine-grained sand, gray/white	Y ✓ N		
	25	40	15	Clay, Stiff, semi-plastic, gray/white	Y ✓ N		
	40	55	15	Sand, fine/very fine-grained, poorly graded, unconsolidated, Tan	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 type="checkbox"/> OTHER – SPECIFY:				TOTAL ESTIMATED WELL YIELD (gpm): 0.00		
	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: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 6 Regulus 26 Fed 2 <div style="text-align: right;">USE ON P-4 20 2023 PM 1:25</div>					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt							
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: <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;">  SIGNATURE OF DRILLER / PRINT SIGNEE NAME </div> <div style="width: 30%; text-align: center;"> Jackie D. Atkins </div> <div style="width: 25%; text-align: right;"> 4/27/23 DATE </div> </div>						

OSE POD Location Map



5/14/2024, 1:53:37 PM

GIS WATERS PODs

● Active

● Plugged

●

OSE District Boundary

Water Right Regulations

Closure Area

New Mexico State Trust Lands

Both Estates

NHD Flowlines

Pipeline

1:18,056

00.170.350.7 mi

00.30.61.2 km

Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Released to Imaging: 8/23/2024 8:46:11 AM

Online web user
This is an unofficial map from the OSE's online application.



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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 =

- 323803103510001

Minimum number of levels = 1

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

USGS 323803103510001 19S.31E.27.21000

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°38'03", Longitude 103°51'00" NAD27

Land-surface elevation 3,503 feet above NAVD88

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

This well is completed in the Rustler Formation (312RSLR) local aquifer.

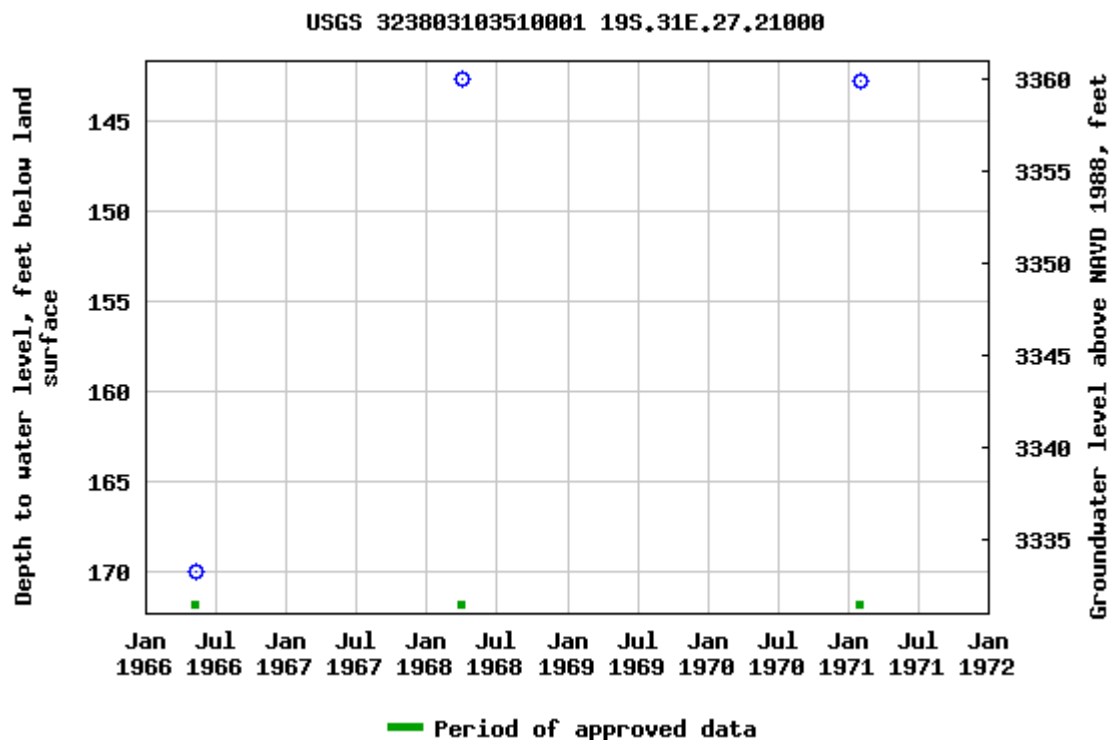
Output formats

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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: 2024-05-14 14:40:24 EDT

0.67 0.54 nadww01

Regulus 26 Fed 5H Wellpad

Devon Energy
API #30-015-42489
Eddy County, NM
nAPP2118853816
Surface Water Map

Legend

- 3.52 Miles
- Salt Pond

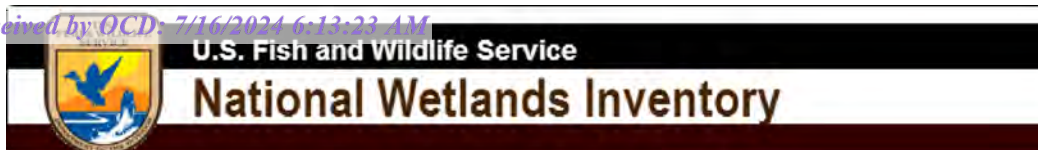
Regulus 26 Fed 5H

Salt Pond

Google Earth



2 mi



Wetlands Map



February 23, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMette



103°50'19"W 32°38'30"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
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 4/12/2021 at 3:51 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.



Appendix B

Soil Survey

Soil Map

Geologic Unit Map

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q

Elevation: 3,100 to 4,200 feet

Mean annual precipitation: 10 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent

Berino and similar soils: 35 percent

Minor components: 15 percent

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

Description of Kermit

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand

H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/31/2024
Page 1 of 3

Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 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

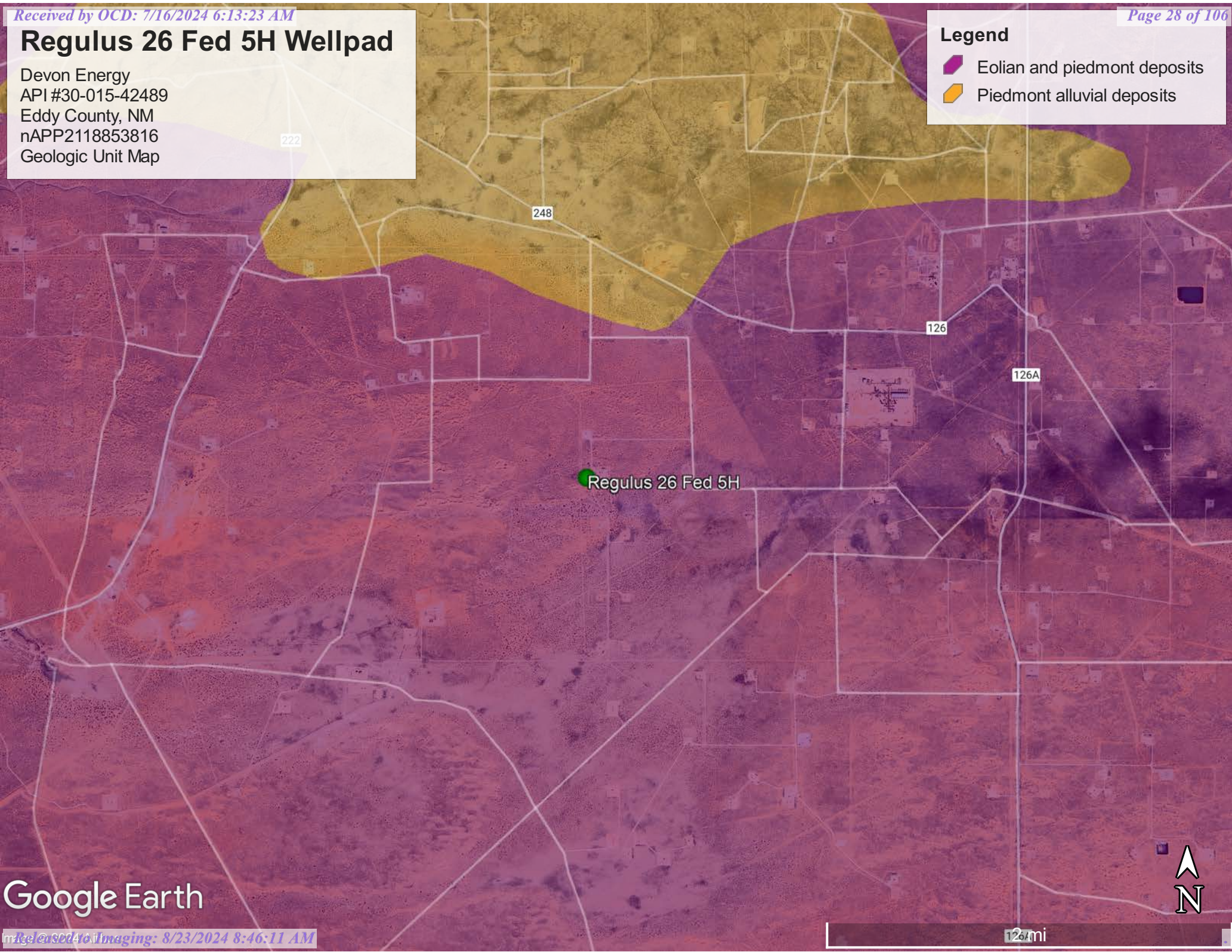
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	3.2	100.0%
Totals for Area of Interest		3.2	100.0%

Regulus 26 Fed 5H Wellpad

Devon Energy
API #30-015-42489
Eddy County, NM
nAPP2118853816
Geologic Unit Map

Legend

-  Eolian and piedmont deposits
-  Piedmont alluvial deposits



Google Earth





Pima Environmental Services

Appendix C

C-141 Pages

NMOCD Correspondence

lynsey@pimaoil.com

From: Woodall, Dale <Dale.Woodall@dvn.com>
Sent: Monday, June 24, 2024 11:54 AM
To: Tom Pima Oil; 'Gio PimaOil'; Lynsey Pima Oil; sebastian@pimaoil.com
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 356949

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: Monday, June 24, 2024 11:53 AM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 356949

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#) nAPP2118853816.

The sampling event is expected to take place:

When: 06/26/2024 @ 12:30
Where: A-26-19S-31E 0 FNL 0 FEL (32.637432,-103.833465)

Additional Information: Andrew Franco (806) 200-0054

Additional Instructions: A-26-19S-31E Lat/Long: 32.6376915, -103.8335037 From the intersection of County Road 126 and County Road 126A in Eddy county, travel 2.4 miles west on CR 126, turn south on lease road for 0.5 miles, curve east for 0.5 miles, curve south for 0.5 miles, curve west for 0.5 miles, turn south for 890 feet, turn west into location.

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.

lynsey@pimaoil.com

From: Woodall, Dale <Dale.Woodall@dvn.com>
Sent: Monday, June 24, 2024 11:52 AM
To: Tom Pima Oil; sebastian@pimaoil.com; Lynsey Pima Oil; 'Gio PimaOil'
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 356947

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: Monday, June 24, 2024 11:50 AM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 356947

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#) nRM2026532878.

The sampling event is expected to take place:

When: 06/24/2024 @ 12:30

Where: A-26-19S-31E 0 FNL 0 FEL (32.637255,-103.8335001)

Additional Information: Andrew Franco (806) 200-0054

Additional Instructions: A-26-19S-31E Lat/Long: 32.6376915, -103.8335037 From the intersection of County Road 126 and County Road 126A in Eddy county, travel 2.4 miles west on CR 126, turn south on lease road for 0.5 miles, curve east for 0.5 miles, curve south for 0.5 miles, curve west for 0.5 miles, turn south for 890 feet, turn west into location.

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.

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1220 South St. Francis Drive

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Appendix D

Photographic Documentation

Flagging for One-Call



Lease Sign



Flagging/Marking East of Wellhead



Flagging/Marking South of Wellhead



Flagging/Marking West of Wellhead



Flagging/Marking West of Pumpjack



Flagging/Marking East of Pumpjack

Excavation



Excavation Southeast



Excavation Northeast



Excavation East side



Excavation West side



Excavation South



Excavation West of Wellhead



Excavation Wellhead



Excavation Northeast



Excavation Southwest



Excavation West of Wellhead



Excavation West side



Excavation East side

Backfill



Backfill West side



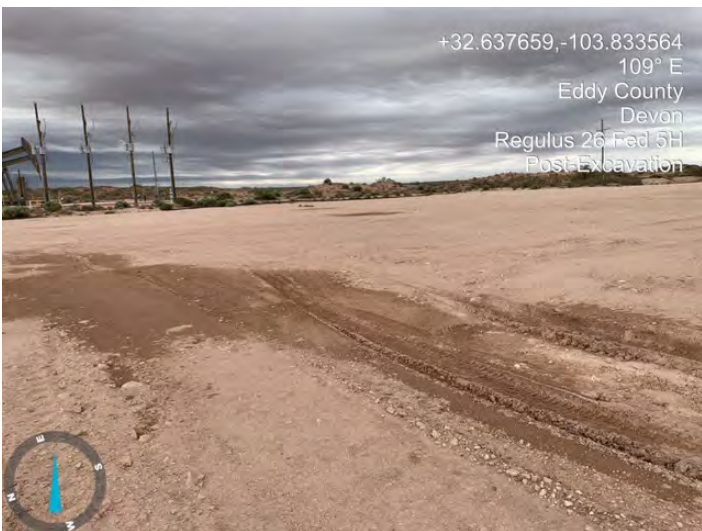
Backfill East side



Backfill Northeast



Backfill East side



Backfill Southeast



Backfill West side (Rainwater)



Backfill South side (Rainwater)



Appendix E

Laboratory Reports

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Regulus 26 Fed 5H Wellpad

Work Order: E407031

Job Number: 01058-0007

Received: 7/9/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/9/24

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: 7/9/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Regulus 26 Fed 5H Wellpad
Workorder: E407031
Date Received: 7/9/2024 11:20:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/9/2024 11:20:00AM, under the Project Name: Regulus 26 Fed 5H Wellpad.

The analytical test results summarized in this report with the Project Name: Regulus 26 Fed 5H Wellpad 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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/09/24 16:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-1'	E407031-01A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS2-1'	E407031-02A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS3-1'	E407031-03A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS4-1'	E407031-04A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS5-1'	E407031-05A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS6-1'	E407031-06A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS7-1'	E407031-07A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS8-1'	E407031-08A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS9-1'	E407031-09A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS10-1'	E407031-10A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS11-3'	E407031-11A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS12-1'	E407031-12A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS13-3'	E407031-13A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS14-1'	E407031-14A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS15-1'	E407031-15A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS16-1'	E407031-16A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS17-1'	E407031-17A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS18-1'	E407031-18A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS19-1'	E407031-19A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS20-1'	E407031-20A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Fed 5H Wellpad Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/9/2024 4:36:27PM
---	---	---------------------------------

CS1-1'
E407031-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	89.6 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	105 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	115 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	30.0	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS2-1'
E407031-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	89.4 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	105 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	107 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	31.6	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS3-1'
E407031-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	89.7 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	105 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	114 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	32.1	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS4-1'
E407031-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	90.2 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	112 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	32.4	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS5-1'
E407031-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	30.0	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS6-1'
E407031-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	90.1 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	115 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	29.8	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS7-1'
E407031-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	89.8 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	116 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	30.2	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS8-1'
E407031-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	89.7 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	117 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	32.3	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS9-1'
E407031-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	24.1	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS10-1'

E407031-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	88.8 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	97.5 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	26.9	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS11-3'

E407031-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	92.0 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.6 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	95.0 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	22.4	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS12-1'

E407031-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.9 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
<i>Surrogate: n-Nonane</i>						
	99.5 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	27.7	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS13-3'

E407031-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	90.9 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.2 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	100 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	29.3	20.0	1	07/09/24	07/09/24	



Sample Data

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

Project Name: Regulus 26 Fed 5H Wellpad
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/9/2024 4:36:27PM

CS14-1'

E407031-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2428015
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2428015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428014
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
<i>Surrogate: n-Nonane</i>						
	92.3 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2428023
Chloride	29.1	20.0	1	07/09/24	07/09/24	



Sample Data

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

Project Name: Regulus 26 Fed 5H Wellpad
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/9/2024 4:36:27PM

CS15-1'

E407031-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
<i>Surrogate: n-Nonane</i>						
	93.3 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	30.4	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS16-1'

E407031-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.8 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
<i>Surrogate: n-Nonane</i>						
	90.5 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	29.2	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS17-1'

E407031-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	89.1 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.1 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	104 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	25.7	20.0	1	07/09/24	07/09/24	



Sample Data

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

Project Name: Regulus 26 Fed 5H Wellpad
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/9/2024 4:36:27PM

CS18-1'

E407031-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2428015
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.7 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2428015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428014
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2428023
Chloride	31.9	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS19-1'

E407031-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: 4-Bromochlorobenzene-PID	88.8 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.9 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	105 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	23.5	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 4:36:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS20-1'

E407031-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.9 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428014	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428023	
Chloride	25.0	20.0	1	07/09/24	07/09/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 4:36:27PM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2428015-BLK1)

Prepared: 07/08/24 Analyzed: 07/08/24

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	7.16		8.00		89.6	70-130			

LCS (2428015-BS1)

Prepared: 07/08/24 Analyzed: 07/08/24

Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	5.05	0.0250	5.00		101	70-130			
o-Xylene	4.89	0.0250	5.00		97.9	70-130			
p,m-Xylene	9.91	0.0500	10.0		99.1	70-130			
Total Xylenes	14.8	0.0250	15.0		98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.30		8.00		91.2	70-130			

LCS Dup (2428015-BS1)

Prepared: 07/08/24 Analyzed: 07/08/24

Benzene	5.22	0.0250	5.00		104	70-130	1.78	20	
Ethylbenzene	4.88	0.0250	5.00		97.7	70-130	1.47	20	
Toluene	5.13	0.0250	5.00		103	70-130	1.61	20	
o-Xylene	4.99	0.0250	5.00		99.8	70-130	1.93	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	1.58	20	
Total Xylenes	15.1	0.0250	15.0		100	70-130	1.70	20	
Surrogate: 4-Bromochlorobenzene-PID	7.34		8.00		91.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 4:36:27PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2428015-BLK1) Prepared: 07/08/24 Analyzed: 07/08/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.50		8.00		106	70-130			

LCS (2428015-BS2) Prepared: 07/08/24 Analyzed: 07/08/24

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.67		8.00		108	70-130			

LCS Dup (2428015-BSD2) Prepared: 07/08/24 Analyzed: 07/08/24

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		98.9	70-130	2.13	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.64		8.00		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 4:36:27PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2428014-BLK1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.9		50.0		97.8	50-200			

LCS (2428014-BS1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
Surrogate: n-Nonane	49.5		50.0		99.1	50-200			

LCS Dup (2428014-BSD1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132	2.62	20	
Surrogate: n-Nonane	50.2		50.0		100	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 4:36:27PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2428023-BLK1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Chloride	ND	20.0							
LCS (2428023-BS1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Chloride	245	20.0	250		97.9	90-110			
LCS Dup (2428023-BSD1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Chloride	248	20.0	250		99.2	90-110	1.39	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:	Regulus 26 Fed 5H Wellpad	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/09/24 16:36

- 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

Chain of Custody

Page 2 of 4

Client: Pima Environmental Services Project: <u>Regulus 26 Fed 5H Wellpad</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Bill To Attention: <u>Devon Energy</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>1-48-1 & 1-48-2</u>					Lab Use Only Lab WO# <u>E407031</u> Job Number <u>01058-007</u>					TAT 1D <u>X</u> 2D <u></u> 3D <u></u> Standard <u></u>				EPA Program CWA <u></u> SDWA <u></u> RCRA <u></u>					
										Analysis and Method										State NM <u>X</u> CO <u></u> UT <u></u> AZ <u></u> TX <u></u>				
																				Remarks				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0					BDOC NM	BDOC TX							
1:17	6/26	S	1	CS11-3'	11											X								
1:20				CS12-1'	12																			
1:25				CS13-3'	13																			
1:31				CS14-1'	14																			
1:38				CS15-1'	15																			
1:44				CS16-1'	16																			
1:46				CS17-1'	17																			
1:53				CS18-1'	18																			
1:59				CS19-1'	19																			
2:16				CS20-1'	20																			
Additional Instructions: nRM2026532878 & nAPP2118853816 // Bill to Devon - 21192295																								
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.															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.									
Sampled by: _____																								
Relinquished by: (Signature) <u>Karine Adams</u>					Date <u>7/8/24</u>		Time <u>3:33</u>		Received by: (Signature) <u>Michelle Gonzales</u>					Date <u>7-8-24</u>		Time <u>1533</u>		Lab Use Only Received on ice: <u>Y/N</u> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>						
Relinquished by: (Signature) <u>Michelle Gonzales</u>					Date <u>7-8-24</u>		Time <u>1755</u>		Received by: (Signature) <u>J.M.</u>					Date <u>7-8-24</u>		Time <u>1755</u>								
Relinquished by: (Signature) <u>J.M.</u>					Date <u>7.8.24</u>		Time <u>2400</u>		Received by: (Signature) <u>[Signature]</u>					Date <u>7-9-24</u>		Time <u>1120</u>								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____															Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																								

Envirotech Analytical Laboratory

Printed: 7/9/2024 3:00:11PM

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:	07/09/24 11:20	Work Order ID:	E407031
Phone:	(575) 631-6977	Date Logged In:	07/08/24 16:25	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	07/09/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
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: CouierComments/Resolution

Regulus 26 Fed 5H Wellpad has been separated into multiple WO due to high sample volume. WO are as follows:
E407031/E407032

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? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Regulus 26 Fed 5H Wellpad

Work Order: E407032

Job Number: 01058-0007

Received: 7/9/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/9/24

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: 7/9/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Regulus 26 Fed 5H Wellpad
Workorder: E407032
Date Received: 7/9/2024 11:20:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/9/2024 11:20:00AM, under the Project Name: Regulus 26 Fed 5H Wellpad.

The analytical test results summarized in this report with the Project Name: Regulus 26 Fed 5H Wellpad 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/09/24 17:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21-1'	E407032-01A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS22-1'	E407032-02A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS23-1'	E407032-03A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS24-1'	E407032-04A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS25-1'	E407032-05A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CS26-1'	E407032-06A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CSW1-1'	E407032-07A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CSW2-1'	E407032-08A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CSW3-1'	E407032-09A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CSW4-1'	E407032-10A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CSW5-1'	E407032-11A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CSW6-1'	E407032-12A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.
CSW7-3'	E407032-13A	Soil	06/26/24	07/09/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Fed 5H Wellpad Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/9/2024 5:00:23PM
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CS21-1'

E407032-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2428017	
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		88.9 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		100 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2428017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		88.9 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		100 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428016	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		113 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2428020	
Chloride	27.0	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 5:00:23PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS22-1'

E407032-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		104 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		104 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		101 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	26.1	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Fed 5H Wellpad Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/9/2024 5:00:23PM
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CS23-1'

E407032-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		103 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		103 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		99.6 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	23.6	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 5:00:23PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS24-1'

E407032-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		103 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		101 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		103 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		101 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		105 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	21.3	20.0	1	07/09/24	07/09/24	



Sample Data

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

Project Name: Regulus 26 Fed 5H Wellpad
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/9/2024 5:00:23PM

CS25-1'

E407032-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		103 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		103 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		106 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	24.5	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 5:00:23PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS26-1'

E407032-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		98.7 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	20.7	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 5:00:23PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW1-1'

E407032-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		99.7 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	23.9	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 5:00:23PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW2-1'

E407032-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		96.1 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	29.1	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 5:00:23PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW3-1'

E407032-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	52.9	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		107 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	22.9	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 5:00:23PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW4-1'

E407032-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	92.2 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	104 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	92.2 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	104 %	70-130		07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	104 %	50-200		07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	25.3	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Fed 5H Wellpad Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/9/2024 5:00:23PM
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CSW5-1'

E407032-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		100 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		100 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		106 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	23.7	20.0	1	07/09/24	07/09/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 5:00:23PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW6-1'

E407032-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		90.8 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	27.9	20.0	1	07/09/24	07/09/24	



Sample Data

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

Project Name: Regulus 26 Fed 5H Wellpad
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/9/2024 5:00:23PM

CSW7-3'

E407032-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		111 %	50-200	07/09/24	07/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	29.9	20.0	1	07/09/24	07/09/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 5:00:23PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428017-BLK1)

Prepared: 07/08/24 Analyzed: 07/08/24

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: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

LCS (2428017-BS1)

Prepared: 07/08/24 Analyzed: 07/08/24

Benzene	2.31	0.0250	2.50		92.3	70-130			
Ethylbenzene	2.30	0.0250	2.50		91.9	70-130			
Toluene	2.13	0.0250	2.50		85.3	70-130			
o-Xylene	2.20	0.0250	2.50		88.0	70-130			
p,m-Xylene	4.39	0.0500	5.00		87.9	70-130			
Total Xylenes	6.60	0.0250	7.50		87.9	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.5	70-130			

LCS Dup (2428017-BSD1)

Prepared: 07/08/24 Analyzed: 07/08/24

Benzene	2.29	0.0250	2.50		91.5	70-130	0.827	23	
Ethylbenzene	2.35	0.0250	2.50		93.8	70-130	2.13	27	
Toluene	2.17	0.0250	2.50		86.8	70-130	1.79	24	
o-Xylene	2.35	0.0250	2.50		93.8	70-130	6.36	27	
p,m-Xylene	4.69	0.0500	5.00		93.7	70-130	6.46	27	
Total Xylenes	7.03	0.0250	7.50		93.8	70-130	6.43	27	
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		91.9	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported: 7/9/2024 5:00:23PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428017-BLK1) Prepared: 07/08/24 Analyzed: 07/08/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

LCS (2428017-BS2) Prepared: 07/08/24 Analyzed: 07/08/24

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.3	70-130			

LCS Dup (2428017-BSD2) Prepared: 07/08/24 Analyzed: 07/08/24

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		93.9	70-130	3.14	20	
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 5:00:23PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2428016-BLK1)					Prepared: 07/08/24 Analyzed: 07/08/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.0		50.0		106	50-200			

LCS (2428016-BS1)					Prepared: 07/08/24 Analyzed: 07/08/24				
Diesel Range Organics (C10-C28)	278	25.0	250		111	38-132			
Surrogate: n-Nonane	54.3		50.0		109	50-200			

LCS Dup (2428016-BSD1)					Prepared: 07/08/24 Analyzed: 07/08/24				
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132	3.10	20	
Surrogate: n-Nonane	54.2		50.0		108	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Fed 5H Wellpad	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 5:00:23PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2428020-BLK1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Chloride	ND	20.0							
LCS (2428020-BS1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Chloride	251	20.0	250		100	90-110			
LCS Dup (2428020-BSD1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Chloride	250	20.0	250		100	90-110	0.122	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:	Regulus 26 Fed 5H Wellpad	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/09/24 17:00

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Project Information

Chain of Custody

Page 3 of 4

Client: Pima Environmental Services					Bill To					Lab Use Only					TAT				EPA Program			
Project: Regulus 26 Fed 5H Wellpad					Attention: Devon Energy					Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Gio Gomez					Address:					E 407032		01058-007			X							
Address: 5614 N. Lovington Hwy.					City, State, Zip					Analysis and Method										RCRA		
City, State, Zip Hobbs, NM. 88240					Phone:					DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0							
Phone: 806-782-1151					Email:												BGDOC NM	BGDOC TX				
Email: gio@pimaoil.com					Pima Project # 1-48-1 & 1-48-2																	
Report due by:																						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																	
2:19	6/26	S	1	CS21-1'	1												X					
2:28				CS22-1'	2																	
2:32				CS23-1'	3																	
2:39				CS24-1'	4																	
2:43				CS25-1'	5																	
2:46				CS26-1'	6																	
2:49				CSW1-1'	7																	
2:53				CSW2-1'	8																	
3:06				CSW3-1'	9																	
3:11				CSW4-1'	10																	
Additional Instructions: nRM2026532878 & nAPP2118853816 // Bill to Devon - 21192295																						
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.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.												
Relinquished by: (Signature) Karime Adame					Date 7/8/24	Time 3:33	Received by: (Signature) Michelle Gonzales					Date 7-8-24	Time 1533	Lab Use Only								
Relinquished by: (Signature) Michelle Gonzales					Date 7-8-24	Time 1755	Received by: (Signature) J.M.					Date 7-8-24	Time 1755	Received on ice: (Y) / N								
Relinquished by: (Signature) J.M.					Date 7-8-24	Time 2400	Received by: (Signature) Ste					Date 7-9-24	Time 1120	T1 T2 T3								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA												
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																						

Project Information

Chain of Custody

Page 4 of 4

Client: Pima Environmental Services Project: <u>Regulus 26 Fed 5H Wellpad</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM. 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Bill To Attention: <u>Devon Energy</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>1-48-1 & 1-48-2</u>					Lab Use Only Lab WO# <u>E 407032</u> Job Number <u>01058-007</u> Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard <u>X</u> <u></u> <u></u> <u></u>				EPA Program CWA SDWA RCRA <u></u> <u></u> <u></u>		
														State NM CO UT AZ TX <u>X</u> <u></u> <u></u> <u></u> <u></u>				Remarks			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																
3:19	6/26	S	1	CSW5-1'	11																
3:23				CSW6-1'	12																
3:30				CSW7-3'	13																
Additional Instructions: nRM2026532878 & nAPP2118853816 // Bill to Devon - 21192295																					
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.															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.						
Sampled by: _____																					
Relinquished by: (Signature) <u>Kerime Adams</u>		Date <u>7/8/24</u>		Time <u>3:33</u>		Received by: (Signature) <u>Michelle Gonzales</u>		Date <u>7-8-24</u>		Time <u>1533</u>		Lab Use Only Received on ice: <u>Y/N</u>									
Relinquished by: (Signature) <u>Michelle Gonzales</u>		Date <u>7-8-24</u>		Time <u>1755</u>		Received by: (Signature) <u>J.M.</u>		Date <u>7-8-24</u>		Time <u>1755</u>		T1 _____ T2 _____ T3 _____									
Relinquished by: (Signature) <u>J.M.</u>		Date <u>7-8-24</u>		Time <u>2400</u>		Received by: (Signature) <u>St</u>		Date <u>7-9-24</u>		Time <u>1120</u>		AVG Temp °C <u>4</u>									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Envirotech Analytical Laboratory

Printed: 7/9/2024 3:00:44PM

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:	07/09/24 11:20	Work Order ID:	E407032
Phone:	(575) 631-6977	Date Logged In:	07/08/24 16:28	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	07/09/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
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: CouierComments/Resolution

Regulus 26 Fed 5H Wellpad has been separated into multiple WO due to high sample volume. WO are as follows:
E407031/E407032

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? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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QUESTIONS
Action 364279

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	364279
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2026532878
Incident Name	NRM2026532878 REGULUS 26 FED 5H @ 30-015-42489
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-42489] REGULUS 26 FEDERAL #005H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	REGULUS 26 FED 5H
Date Release Discovered	09/10/2020
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Other (Specify) Crude Oil Released: 4 BBL Recovered: 3 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 6 BBL Recovered: 6 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 364279

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	364279
	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)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. 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: 07/16/2024
--	--

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QUESTIONS, Page 3

Action 364279

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	364279
	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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 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)	32.4
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	06/17/2024
On what date will (or did) the final sampling or liner inspection occur	06/26/2024
On what date will (or was) the remediation complete(d)	07/08/2024
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	5192
What is the estimated volume (in cubic yards) that will be remediated	210

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

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

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QUESTIONS, Page 4

Action 364279

QUESTIONS (continued)

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

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>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>	
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: 07/16/2024
<i>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.</i>	

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QUESTIONS, Page 5

Action 364279

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
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	Action Number:
	364279
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

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QUESTIONS, Page 6

Action 364279

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	364279
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	356947
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/24/2024
What was the (estimated) number of samples that were to be gathered	32
What was the sampling surface area in square feet	5092

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	5192
What was the total volume (cubic yards) remediated	210
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	5192
What was the total volume (in cubic yards) reclaimed	210
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: 07/16/2024
--	--

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QUESTIONS, Page 7

Action 364279

QUESTIONS (continued)

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	Action Number:	364279
	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 364279

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 364279
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	8/23/2024