

Volume calculator

There was no volume calculator prepared when the spill occurred.

Devon Energy Production Company, LP.  
6488 Seven Rivers HWY  
Artesia, NM 88210  
575-748-0167

May 30, 2024

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

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

**Re: Site Characteristic, Variance Request, and Remediation Closure Report**  
**Regulus 26 Federal #004H**  
**API No. 30-015-40041**  
**GPS: Latitude 32.6253166 Longitude -103.8323898**  
**ULSTR – P – 26 – 19S – 31E 0 FNL 0 FEL**  
**Eddy County, NM**  
**NMOCD Incident ID NAB1911933224**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Site Characteristic and Remediation Plan Report for a produced water release that occurred at the Regulus 26 Federal #004H (Regulus). This incident was assigned Incident ID NAB1911933224 by the New Mexico Oil Conservation Division (NMOCD).

### **Site Characterization**

The Regulus is located approximately sixteen (16) miles southeast of Loco Hills, NM. This spill site is in Unit P, Section 26, Township 19S, Range 31E, Latitude 32.6253166 Longitude -103.8323898, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of 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, 0-3 percent slopes eroded, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Regulus (Figure 3).

Based on the well water data from the New Mexico Office of the State Engineer water well (CP-00641-POD 1), the depth to the nearest groundwater in this vicinity measures 130 feet below grade surface (BGS), positioned 0.62 miles away from the Regulus, drilled, February 11, 1982. Conversely, as per the United States Geological Survey well water data (USGS323803103510001), the nearest groundwater depth in this region is recorded at 143 feet BGS, situated approximately 1.18 miles away from the Regulus, with the last gauge conducted in 1971. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.

Reference Figure 2 for a Topographic Map.

### **Release Information**

**NAB1911933224**: On January 7, 2019, a truck driver left ball valve cracked open causing spill. The released fluids were calculated to be approximately 23 barrels (bbls) of produced water. A vacuum truck was able to recover 20 bbls of standing fluid.

### **Remediation Activities, Site Assessment, and Soil Sampling Results**

On April 24, 2024, Pima mobilized personnel to the site to begin collecting soil samples from the spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

## 4-24-24 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')																	
DEVON ENERGY - Regulus 26 Federal #004H - nAB1911933224																	
Date: 4-24-24		NM Approved Laboratory Results															
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg	Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	ND	ND	ND	ND	ND	0	174	S7	1'	ND	ND	ND	ND	ND	0	183
	2'	ND	ND	ND	ND	ND	0	505		2'	ND	ND	ND	ND	ND	0	478
	3'	ND	ND	ND	ND	ND	0	ND		3'	ND	ND	ND	49.7	157	206.7	ND
	4'	ND	ND	ND	ND	ND	0	ND		4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND		5'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	ND	ND	0	171	S8	1'	ND	ND	ND	ND	ND	0	182
	2'	ND	ND	ND	ND	ND	0	500		2'	ND	ND	ND	ND	ND	0	559
	3'	ND	ND	ND	ND	ND	0	ND		3'	ND	ND	ND	30.1	93.2	123.3	ND
	4'	ND	ND	ND	ND	ND	0	ND		4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND		5'	ND	ND	ND	ND	ND	0	ND
S3	1'	ND	ND	ND	ND	ND	0	170	S9	1'	ND	ND	ND	ND	ND	0	190
	2'	ND	ND	ND	ND	ND	0	475		2'	ND	ND	ND	ND	ND	0	634
	3'	ND	ND	ND	ND	ND	0	ND		3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND		4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND		5'	ND	ND	ND	ND	ND	0	ND
S4	1'	ND	ND	ND	ND	ND	0	185	S10	1'	ND	ND	ND	ND	ND	0	177
	2'	ND	ND	ND	ND	ND	0	449		2'	ND	ND	ND	ND	ND	0	564
	3'	ND	ND	ND	ND	ND	0	ND		3'	ND	ND	ND	ND	51.3	51.3	ND
	4'	ND	ND	ND	ND	ND	0	ND		4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND		5'	ND	ND	ND	ND	ND	0	ND
S5	1'	ND	ND	ND	ND	ND	0	180	S11	1'	ND	ND	ND	ND	ND	0	180
	2'	ND	ND	ND	ND	ND	0	473		2'	ND	ND	ND	ND	ND	0	487
	3'	ND	ND	ND	ND	ND	0	ND		3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND		4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND		5'	ND	ND	ND	ND	ND	0	ND
S6	1'	ND	ND	ND	ND	ND	0	185	S12	1'	ND	ND	ND	ND	ND	0	173
	2'	ND	ND	ND	ND	ND	0	441		2'	ND	ND	ND	ND	ND	0	456
	3'	ND	ND	ND	77.8	190	267.8	ND		3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND		4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND		5'	ND	ND	ND	ND	ND	0	ND
SW1	0-5'	ND	ND	ND	ND	ND	0	ND	S13	1'	ND	ND	ND	ND	ND	0	169
SW2	0-5'	ND	ND	ND	ND	ND	0	ND		2'	ND	ND	ND	ND	ND	0	636
SW3	0-5'	ND	ND	ND	ND	ND	0	ND		3'	ND	ND	ND	48.9	99.6	148.5	ND
SW4	0-5'	ND	ND	ND	ND	ND	0	ND		4'	ND	ND	ND	ND	ND	0	ND
SW5	0-5'	ND	ND	ND	ND	ND	0	ND		5'	ND	ND	ND	ND	ND	0	ND
SW6	0-5'	ND	ND	ND	ND	ND	0	ND	S14	1'	ND	ND	ND	ND	ND	0	510
SW7	0-5'	ND	ND	ND	ND	ND	0	ND		2'	ND	ND	ND	ND	ND	0	538
SW8	0-5'	ND	ND	ND	ND	ND	0	ND		3'	ND	ND	ND	63.2	131	194.2	ND
SW9	0-5'	ND	ND	ND	ND	ND	0	ND		4'	ND	ND	ND	ND	ND	0	ND
SW10	0-5'	ND	ND	ND	ND	ND	0	ND		5'	ND	ND	ND	ND	ND	0	ND
SW11	0-5'	ND	ND	ND	ND	ND	0	ND	S15	1'	ND	ND	ND	ND	ND	0	555
SW12	0-5'	ND	ND	ND	ND	ND	0	ND		2'	ND	ND	ND	ND	ND	0	502
SW13	0-5'	ND	ND	ND	ND	ND	0	ND		3'	ND	ND	ND	44.7	61.2	105.9	ND
SW14	0-5'	ND	ND	ND	ND	ND	0	ND		4'	ND	ND	ND	ND	ND	0	ND
SW15	0-5'	ND	ND	ND	ND	ND	0	ND		5'	ND	ND	ND	ND	ND	0	ND
SW16	0-5'	ND	ND	ND	ND	ND	0	ND									
SW17	0-5'	ND	ND	ND	ND	ND	0	ND									
SW18	0-5'	ND	ND	ND	ND	ND	0	ND									
SW19	0-5'	ND	ND	ND	ND	ND	0	ND									
BG1	0-5'	ND	ND	ND	ND	ND	0	ND									

ND – Non-Detect

Complete laboratory reports can be found in Appendix E.

**Variance Request**

Based on the minimal amount of contamination associated with this release, nAB1911933224, and the completed delineation of the release area which shows this release to be confined to this pad, Devon would like to request a variance regarding the distance of the nearest groundwater data. The current release area is approximately 971 meters (3,186 feet) (0.6033 miles) away from CP-01939-POD1 which was drilled on April 6, 2023, to a depth of 55' bgs. On April 18, 2023, it was determined that this borehole was dry, that no soil within the 55' was water bearing. The details and map of this POD can be found in Appendix A. We believe this information is accurate and within a reasonable distance to categorize this release in the 51-100' column of Table 1 19.15.29 NMAC. Devon respectfully requests approval of this variance which would cause all sample results from this release area to be under the regulatory limits. If the Division agrees and approves this variance, then Devon also requests remediation closure approval of this incident. A Variance Request Map is included as Figure 5. A Written Demonstration of Equal Protection can be found in Figure 6.

Devon has complied with the applicable closure requirements set forth in 19.15.19.12 NMAC.

For questions or additional information, please feel free to contact:

Devon – Dale Woodall at 575-748-1838 or [Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com).

Pima Environmental – Tom Bynum at 580-748-1613 or [tom@pimaoil.com](mailto:tom@pimaoil.com).

### **Attachments**

#### Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Variance Request Map
- 6- Written Demonstration of Equal Protection

#### Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil and Geological Data
- Appendix C – Photographic Documentation
- Appendix D – Laboratory Reports



**Figures:**

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map

5-Variance Request Map

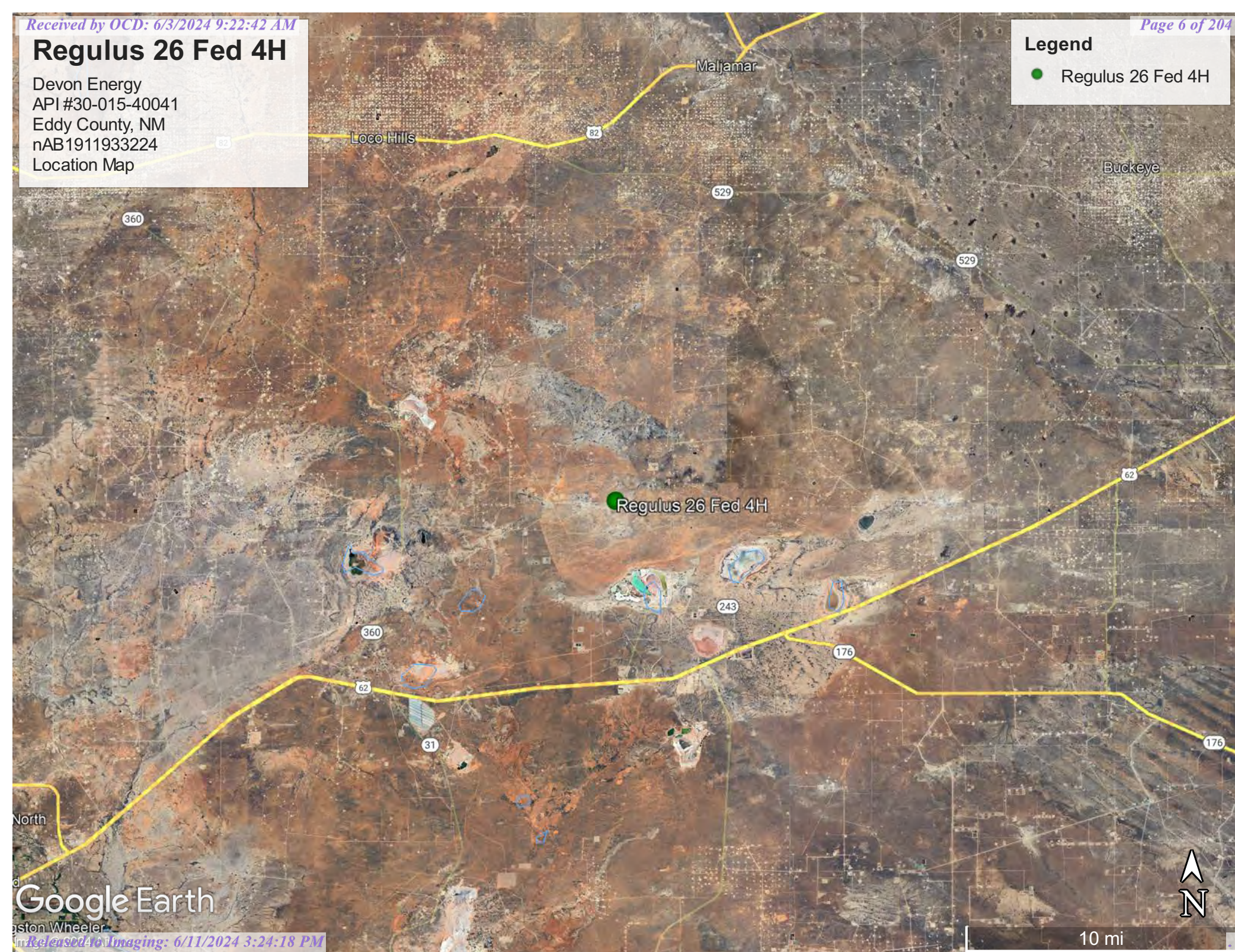
6-Written Demonstraion of Equal Protection

# Regulus 26 Fed 4H

Devon Energy  
API #30-015-40041  
Eddy County, NM  
nAB1911933224  
Location Map

## Legend

● Regulus 26 Fed 4H

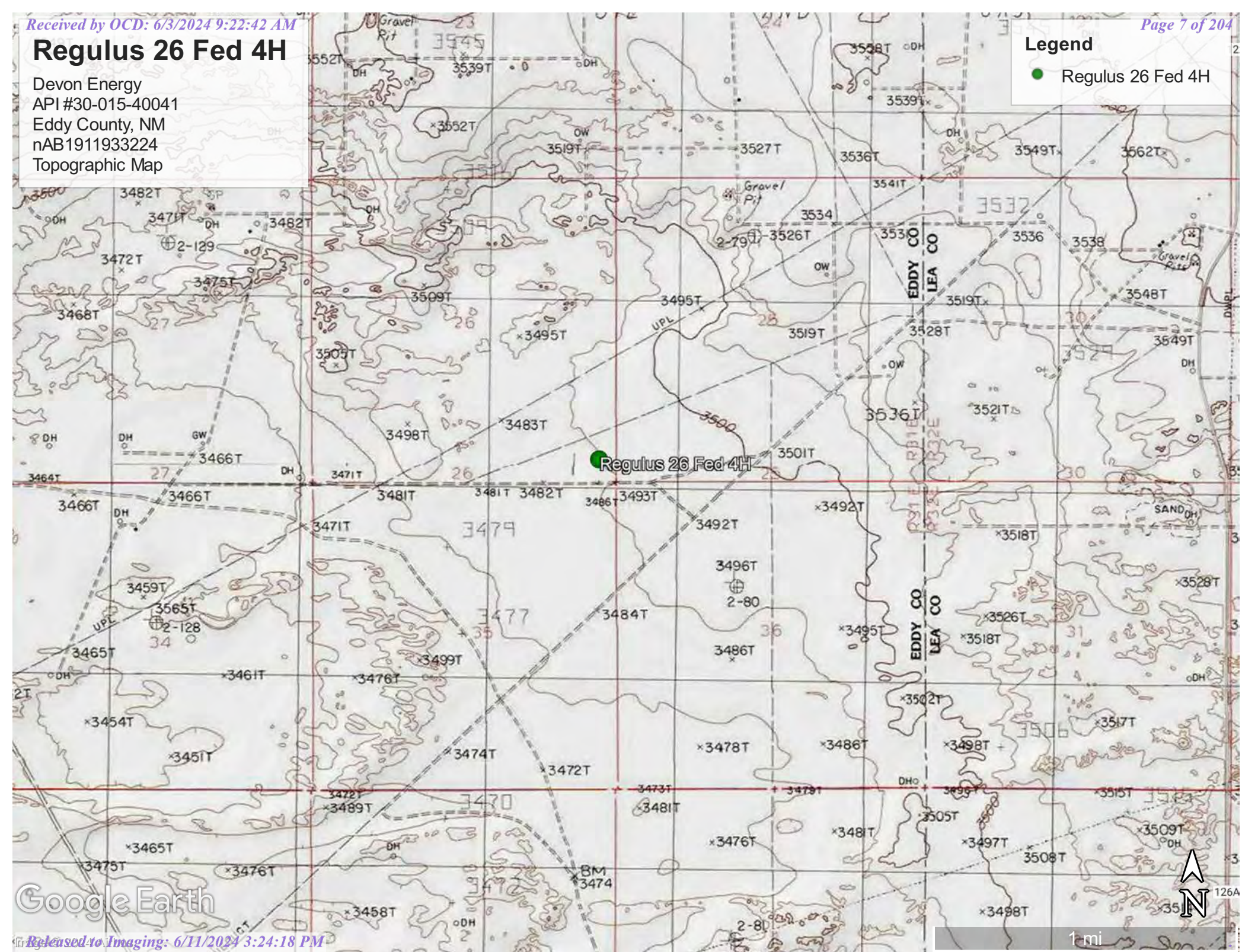


# Regulus 26 Fed 4H

Devon Energy  
API #30-015-40041  
Eddy County, NM  
nAB1911933224  
Topographic Map

## Legend

● Regulus 26 Fed 4H



Google Earth






1 mi

# Regulus 26 Fed 4H

Devon Energy  
API #30-015-40041  
Eddy County, NM  
nAB1911933224  
Karst Map

## Legend

-  High Karst
-  Low Karst
-  Medium Karst

Regulus 26 Fed 4H



3 mi

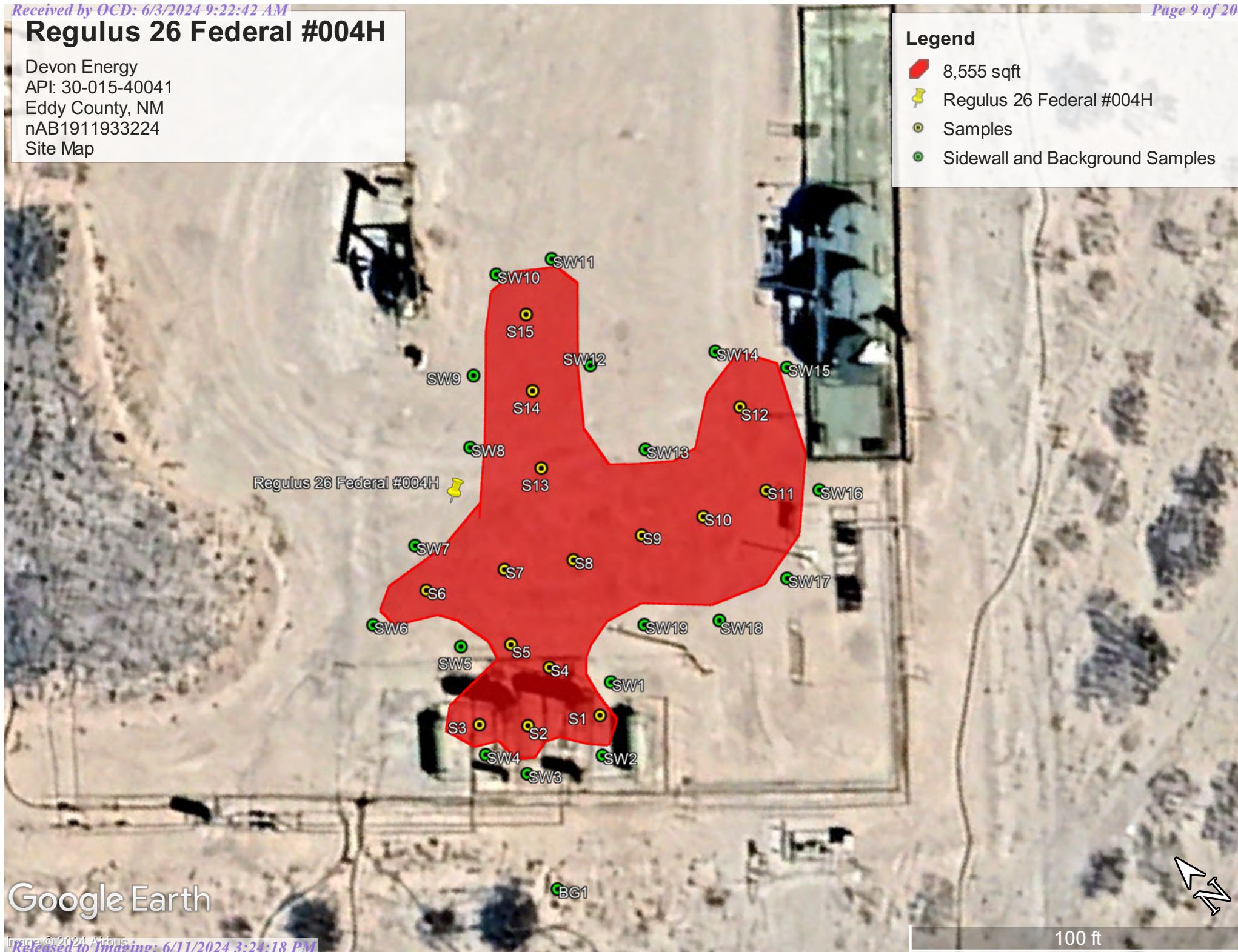
Google Earth

# Regulus 26 Federal #004H

Devon Energy  
API: 30-015-40041  
Eddy County, NM  
nAB1911933224  
Site Map

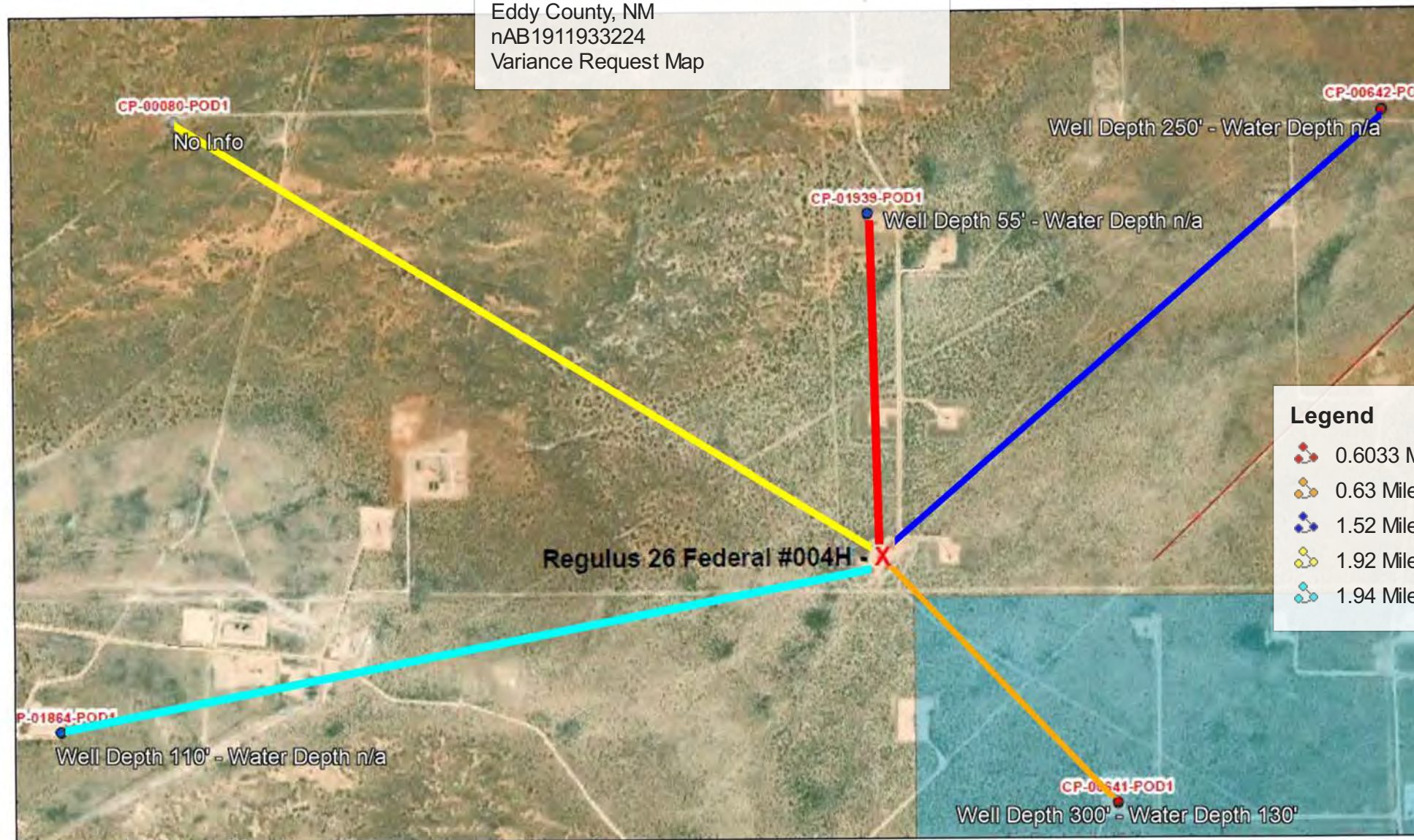
## Legend

- 8,555 sqft
- Regulus 26 Federal #004H
- Samples
- Sidewall and Background Samples



## Regulus 26 Federal #004H

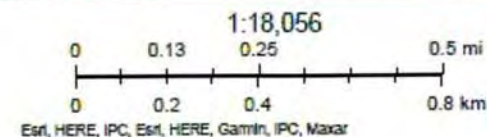
Devon Energy  
API #30-015-40041  
Eddy County, NM  
nAB1911933224  
Variance Request Map



5/31/2024, 1:32:02 PM

GIS WATERS PODs    OSE District Boundary    NHD Flowlines  
 ● Active    New Mexico State Trust Lands    Pipeline  
 ● Plugged    Both Estates

Google Earth



Online web user

### Written Demonstration of Equal Protection

The purpose of this demonstration is to provide sufficient evidence that groundwater data from 0.6033 miles away from the release area versus 0.50 miles away would provide equal or better protection of fresh water, public health, and the environment.

1. This site lies in a low karst zone. The nearest medium or high karst zone is approximately 3.66 miles to the west/northwest.
2. The nearest surface water feature to this site is a salt pond at the Intrepid Potash North site and is approximately 2.69 miles to the south.
3. According to FEMA, this site is in a minimal flood hazard area (Zone X).
4. According to the U.S. Fish and Wildlife Service - National Wetlands Inventory, this site is approximately 2.69 miles northwest of a Lake.
5. According to the United States Geological Survey, there are 4 recorded water wells within 2 miles of this site. The shallowest depth to groundwater being 141' bgs, the deepest being over 650' bgs.
6. According to the Office of the State Engineer, there are 5 water wells within 2 miles of this site.
  - a. CP-01939-POD1 – Drilled by Atkins Engineering in April of 2023 to a depth of 55' bgs. No water bearing zone found.
  - b. CP-00641-POD1 – Drilled by Larry's Drilling in February of 1982 to a depth of 300' bgs. The water bearing zone was found at 130' bgs.
  - c. CP-00642-POD1 – Drilled by Larry's Drilling in February of 1982 to a depth of 250' bgs. No water bearing zone found.
  - d. CP-01864-POD1 – Drilled by Atkins Engineering in February of 2021 to a depth of 110' bgs. No water bearing zone found.
  - e. CP-00080-POD1 – Incomplete/missing information.
7. The nearest, shallowest recorded well, according to the New Mexico Office of the State Engineer, to this release area is CP-00722-POD4 which was drilled by Vanguard Well Resources in August of 2020 to a depth of 220' bgs. The water bearing zone was found at 100' bgs, and the well is being used by G & L Cattle, LLC. This well is 4,463 meters from this release area.

In conclusion, we believe that according to this data the groundwater information has been reasonably determined despite the 1/10 of a mile difference in distance (as set forth in "Procedures for Implementation of the Spill Rule (19.15.29 NMAC)" issued on September 6, 2019) between the actual POD and our release area. We also believe that this difference in distance does in fact provide equal or better protection of fresh water, public health, and the environment.

See related Figures and Appendices in this report for visual reference of these facts.



## **Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map

Fema Flood Map

Wetlands 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	Tw	Rng	X	Y	Distance	Depth	Well	Depth	Water Column
<a href="#">CP 01939 POD1</a>		CP	ED	2	4	2	26	19S	31E	609488	3611347	971				
<a href="#">CP 00641 POD1</a>		CP	ED	4	1	36	19S	31E	610247	3609634*		1039	300		130	170
<a href="#">CP 00642 POD1</a>		CP	ED	2	2	25	19S	31E	611025	3611657*		1975	250			
<a href="#">CP 01864 POD1</a>		CP	ED	4	2	1	34	19S	31E	607068	3609824	2513	110			

Average Depth to Water: **130 feet**

Minimum Depth: **130 feet**

Maximum Depth: **130 feet**

**Record Count:** 4

### UTM NAD83 Radius Search (in meters):

**Easting (X):** 609520

**Northing (Y):** 3610376.53

**Radius:** 3000

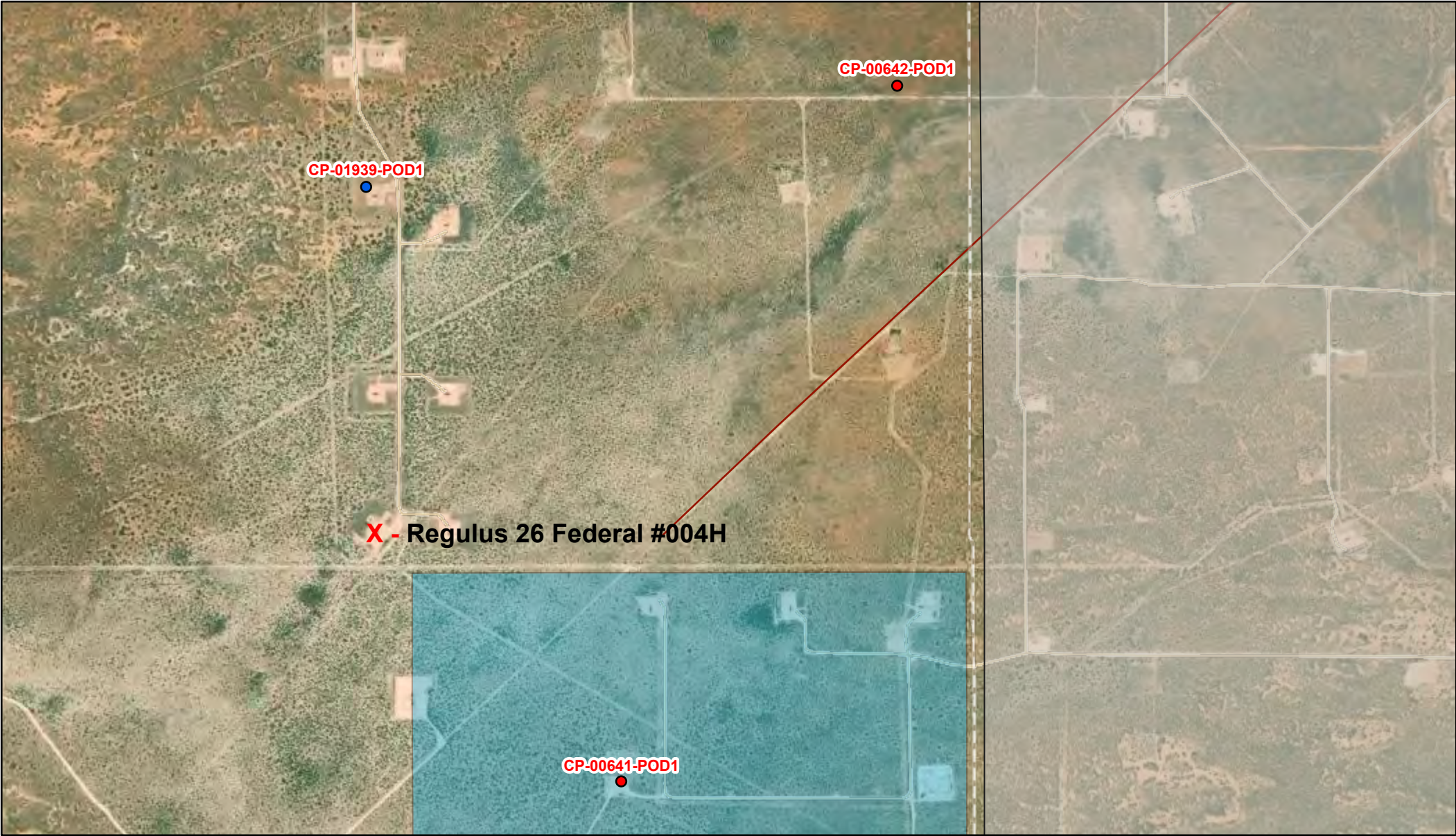
\*UTM location was derived from PLSS - see Help

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.

5/31/24 10:59 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

# OSE POD Location Map



5/31/2024, 11:57:03 AM

GIS WATERS PODs

- Active
- Plugged



OSE District Boundary

Water Right Regulations



Closure Area

New Mexico State Trust Lands

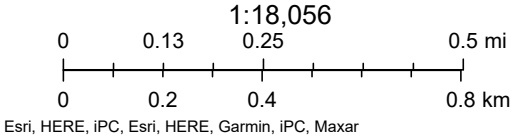


Both Estates

NHD Flowlines



Pipeline





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://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. CP-01939	POD NO. 1	TRN NO. 740305
LOCATION 19S.31E.26.242	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	
					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; color: gray; font-style: italic;">USE D1, PPQ ID 2023-FAL 32</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: 60%;">             Jackie D. Atkins         </div> <div style="width: 35%; text-align: right;">           4/27/23         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>SIGNATURE OF DRILLER / PRINT SIGNEE NAME</div> <div>DATE</div> </div>					

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	CP-01939	POD NO.	1
LOCATION		TRN NO.	740305
195.31E.76 747-		WELL TAG ID NO	PAGE 2 OF 2



[USGS Home](#)  
[Contact USGS](#)  
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## National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- 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 =

- 323712103491001

Minimum number of levels = 1

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

### USGS 323712103491001 19S.32E.31.114

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°37'12", Longitude 103°49'10" NAD27

Land-surface elevation 3,497 feet above NAVD88

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

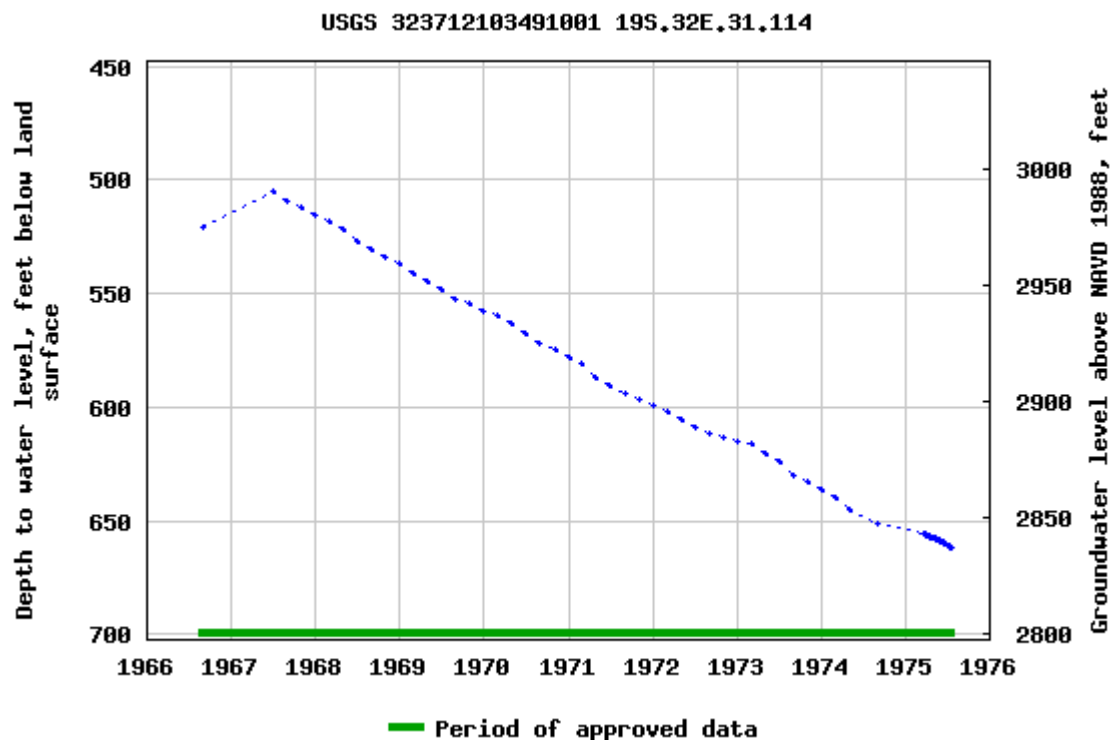
#### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for USA: Water Levels**

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



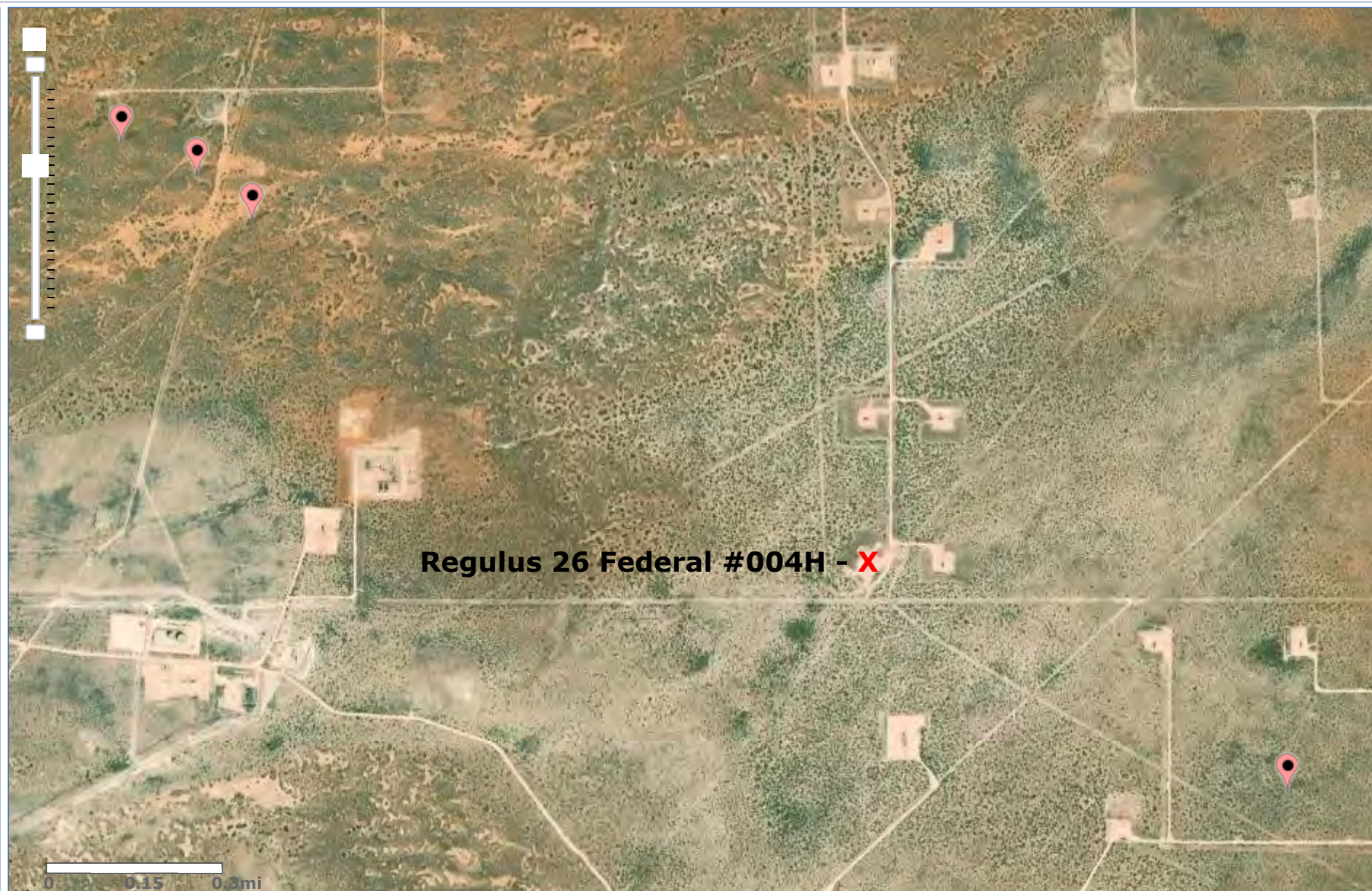
Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2024-05-31 14:33:33 EDT

0.66 0.55 nadww02





## National Water Information System: Mapper



# Regulus 26 Fed 4H

Devon Energy  
API #30-015-40041  
Eddy County, NM  
nAB1911933224  
Surface Water Map

## Legend

-  2.69 Miles
-  Salt Pond

Regulus 26 Fed 4H

Salt Pond

126A

126A

2 mi



Google Earth

# National Flood Hazard Layer FIRMette



103°50'15"W 32°37'46"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 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		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.

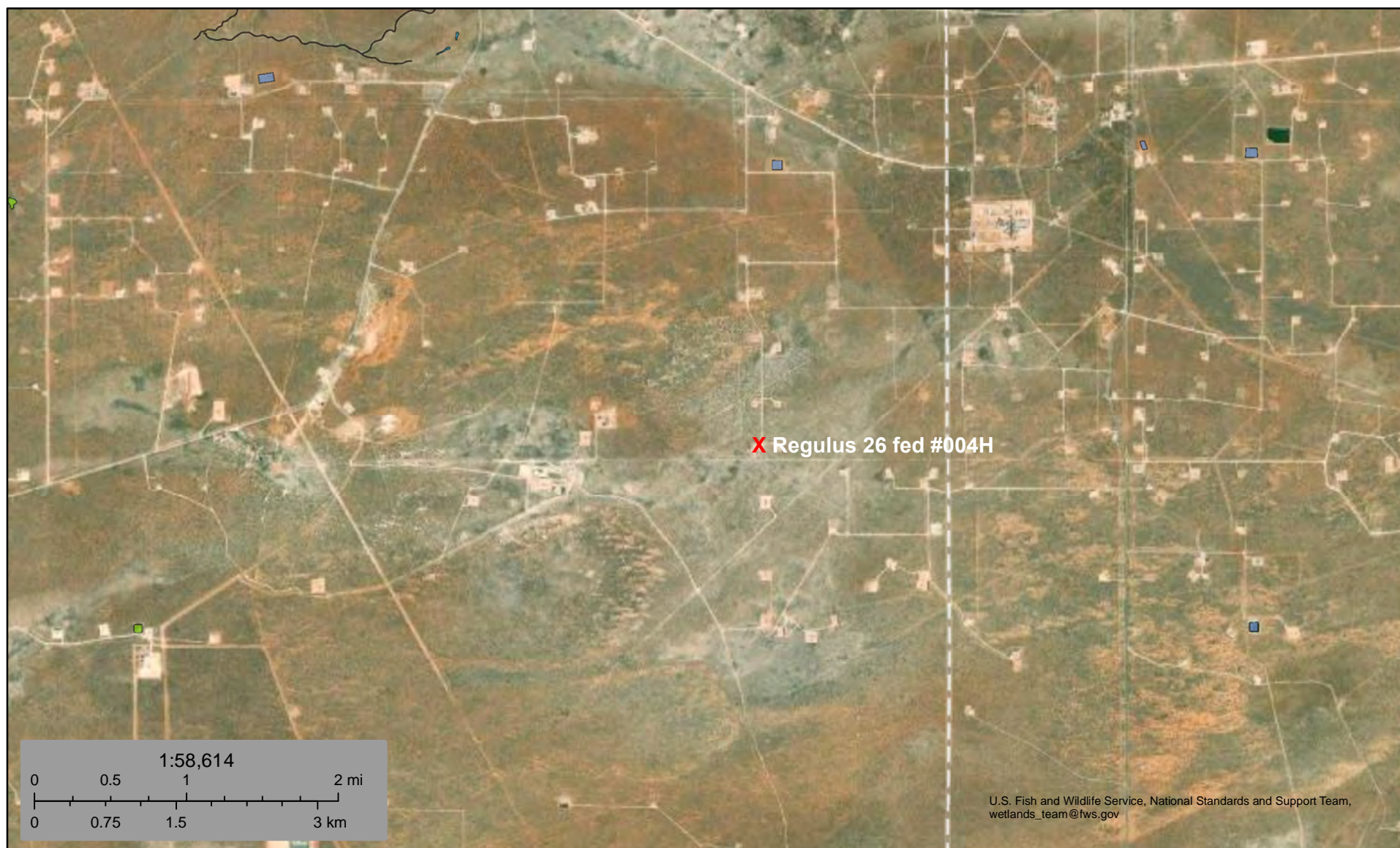
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/17/2023 at 11:00 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



## Wetlands Map



March 17, 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.



## **Appendix B**

Soil Survey

Soil Map

Geologic Unit Map

Map Unit Description: Wink loamy fine sand, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### WK—Wink loamy fine sand, 0 to 3 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 1w6c

*Elevation:* 2,700 to 5,000 feet

*Mean annual precipitation:* 5 to 14 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 250 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Wink and similar soils:* 98 percent

*Minor components:* 2 percent

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

#### Description of Wink

##### Setting

*Landform:* Swales, depressions

*Landform position (three-dimensional):* Talf

*Down-slope shape:* Convex

*Across-slope shape:* Convex

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 8 inches:* loamy fine sand

*H2 - 8 to 38 inches:* fine sandy loam

*H3 - 38 to 60 inches:* fine sandy loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):* High  
(2.00 to 6.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 30 percent

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

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Low (about 5.7 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* A

Map Unit Description: Wink loamy fine sand, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

#### **Minor Components**

##### **Wink**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BD004NM - Sandy  
*Hydric soil rating:* No

##### **Simona**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BD002NM - Shallow Sandy  
*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 18, Sep 8, 2022



## 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
WK	Wink loamy fine sand, 0 to 3 percent slopes, eroded	5.7	100.0%
Totals for Area of Interest		5.7	100.0%

# Regulus 26 Fed 4H

Devon Energy  
API #30-015-40041  
Eddy County, NM  
nAB1911933224  
Geologic Unit Map

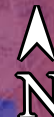
## Legend

- Eolian and piedmont deposits
- Lacustrine and playa-lake deposits
- Piedmont alluvial deposits

Regulus 26 Fed 4H

Google Earth

Image © 2024 Airbus



2 mi



## **Appendix C**

### Photographic Documentation



**SITE PHOTOGRAPHS  
DEVON ENERGY**

**Regulus 26 Federal #004H**

**Assessment**



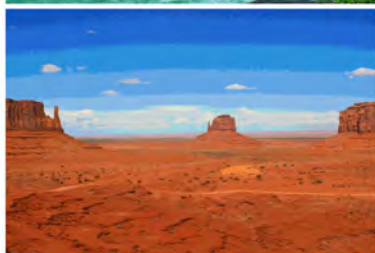




## **Appendix D**

### Laboratory Reports

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Regulus 26 Federal #004 H

Work Order: E404261

Job Number: 01058-0007

Received: 4/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/2/24

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: 5/2/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Regulus 26 Federal #004 H  
Workorder: E404261  
Date Received: 4/26/2024 6:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/26/2024 6:30:00AM, under the Project Name: Regulus 26 Federal #004 H.

The analytical test results summarized in this report with the Project Name: Regulus 26 Federal #004 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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  
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[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/02/24 13:10

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 -1'	E404261-01A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S1 -2'	E404261-02A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S1 -3'	E404261-03A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S1 -4'	E404261-04A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S1 -5'	E404261-05A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S2 -1'	E404261-06A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S2 -2'	E404261-07A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S2 -3'	E404261-08A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S2 -4'	E404261-09A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S2 -5'	E404261-10A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S3 -1'	E404261-11A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S3 -2'	E404261-12A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S3 -3'	E404261-13A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S3 -4'	E404261-14A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S3 -5'	E404261-15A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S4 -1'	E404261-16A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S4 -2'	E404261-17A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S4 -3'	E404261-18A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S4 -4'	E404261-19A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S4 -5'	E404261-20A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 1:10:59PM
---	---	---------------------------------

S1 -1'  
E404261-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2417069	
Benzene	ND	0.0250	1	04/26/24	04/26/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/26/24	
Toluene	ND	0.0250	1	04/26/24	04/26/24	
o-Xylene	ND	0.0250	1	04/26/24	04/26/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/26/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene	91.0 %	70-130		04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/26/24	
Surrogate: Toluene-d8	98.8 %	70-130		04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2417069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene	91.0 %	70-130		04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/26/24	
Surrogate: Toluene-d8	98.8 %	70-130		04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2418004	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/29/24	
Surrogate: n-Nonane	139 %	50-200		04/29/24	04/29/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2417089	
Chloride	174	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 1:10:59PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 -2'

E404261-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/26/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/26/24	
Toluene	ND	0.0250	1	04/26/24	04/26/24	
o-Xylene	ND	0.0250	1	04/26/24	04/26/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/26/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene	91.1 %	70-130		04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		04/26/24	04/26/24	
Surrogate: Toluene-d8	95.9 %	70-130		04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene	91.1 %	70-130		04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		04/26/24	04/26/24	
Surrogate: Toluene-d8	95.9 %	70-130		04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/29/24	
Surrogate: n-Nonane	121 %	50-200		04/29/24	04/29/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	505	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 1:10:59PM
---	---	---------------------------------

S1 -3'

E404261-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/26/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/26/24	
Toluene	ND	0.0250	1	04/26/24	04/26/24	
o-Xylene	ND	0.0250	1	04/26/24	04/26/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/26/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene	91.4 %	70-130		04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/26/24	04/26/24	
Surrogate: Toluene-d8	96.4 %	70-130		04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene	91.4 %	70-130		04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/26/24	04/26/24	
Surrogate: Toluene-d8	96.4 %	70-130		04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/29/24	
Surrogate: n-Nonane	102 %	50-200		04/29/24	04/29/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 1:10:59PM
---	---	---------------------------------

S1 -4'

E404261-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/26/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/26/24	
Toluene	ND	0.0250	1	04/26/24	04/26/24	
o-Xylene	ND	0.0250	1	04/26/24	04/26/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/26/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene	92.9 %	70-130		04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/26/24	04/26/24	
Surrogate: Toluene-d8	96.3 %	70-130		04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene	92.9 %	70-130		04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/26/24	04/26/24	
Surrogate: Toluene-d8	96.3 %	70-130		04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/29/24	
Surrogate: n-Nonane	100 %	50-200		04/29/24	04/29/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 1:10:59PM
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S1 -5'

E404261-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	91.0 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	97.6 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	91.0 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	97.6 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/29/24	
Surrogate: n-Nonane	101 %	50-200		04/29/24	04/29/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	<b>Reported:</b> 5/2/2024 1:10:59PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -1'

E404261-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	92.0 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	96.3 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	92.0 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	96.3 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/29/24	
Surrogate: n-Nonane	106 %	50-200		04/29/24	04/29/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	171	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/2/2024 1:10:59PM

S2 -2'

E404261-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	91.6 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	96.4 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	91.6 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	96.4 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/29/24	
Surrogate: n-Nonane	103 %	50-200		04/29/24	04/29/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	500	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 1:10:59PM
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S2 -3'

E404261-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	89.0 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	99.4 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	89.0 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	99.4 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/29/24	
Surrogate: n-Nonane	100 %	50-200		04/29/24	04/29/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 1:10:59PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -4'

E404261-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	91.3 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	97.3 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	91.3 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	97.3 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	100 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 1:10:59PM
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S2 -5'

E404261-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	88.5 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	99.2 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	88.5 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	99.2 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	101 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 1:10:59PM
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S3 -1'

E404261-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	90.0 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	97.9 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	90.0 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	97.9 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	97.3 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	170	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 1:10:59PM
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S3 -2'

E404261-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	88.8 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	97.9 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	88.8 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	97.9 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	107 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	475	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/2/2024 1:10:59PM

S3 -3'

E404261-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	91.1 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	96.4 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	91.1 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	96.4 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	105 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	<b>Reported:</b> 5/2/2024 1:10:59PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -4'

E404261-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	90.8 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	98.5 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	90.8 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	98.5 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	102 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 1:10:59PM
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S3 -5'

E404261-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	89.5 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	96.6 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	89.5 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	96.6 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	104 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	ND	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/2/2024 1:10:59PM

S4 -1'

E404261-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	91.5 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	96.2 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	91.5 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	96.2 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	102 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	185	20.0	1	04/26/24	04/29/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 1:10:59PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -2'

E404261-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	05/01/24	
Ethylbenzene	ND	0.0250	1	04/26/24	05/01/24	
Toluene	ND	0.0250	1	04/26/24	05/01/24	
o-Xylene	ND	0.0250	1	04/26/24	05/01/24	
p,m-Xylene	ND	0.0500	1	04/26/24	05/01/24	
Total Xylenes	ND	0.0250	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	89.0 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	96.1 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	89.0 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	96.1 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	103 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	449	20.0	1	04/26/24	04/29/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 1:10:59PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -3'

E404261-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2417069	
Benzene	ND	0.0250	1	04/26/24	05/01/24	
Ethylbenzene	ND	0.0250	1	04/26/24	05/01/24	
Toluene	ND	0.0250	1	04/26/24	05/01/24	
o-Xylene	ND	0.0250	1	04/26/24	05/01/24	
p,m-Xylene	ND	0.0500	1	04/26/24	05/01/24	
Total Xylenes	ND	0.0250	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	88.8 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	96.1 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2417069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	88.8 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	96.1 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2418004	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	103 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2417089	
Chloride	ND	20.0	1	04/26/24	04/29/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 1:10:59PM
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S4 -4'

E404261-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	05/01/24	
Ethylbenzene	ND	0.0250	1	04/26/24	05/01/24	
Toluene	ND	0.0250	1	04/26/24	05/01/24	
o-Xylene	ND	0.0250	1	04/26/24	05/01/24	
p,m-Xylene	ND	0.0500	1	04/26/24	05/01/24	
Total Xylenes	ND	0.0250	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	88.3 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	98.0 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	88.3 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	98.0 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	102 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	ND	20.0	1	04/26/24	04/29/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	<b>Reported:</b> 5/2/2024 1:10:59PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -5'

E404261-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Benzene	ND	0.0250	1	04/26/24	05/01/24	
Ethylbenzene	ND	0.0250	1	04/26/24	05/01/24	
Toluene	ND	0.0250	1	04/26/24	05/01/24	
o-Xylene	ND	0.0250	1	04/26/24	05/01/24	
p,m-Xylene	ND	0.0500	1	04/26/24	05/01/24	
Total Xylenes	ND	0.0250	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	89.5 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	95.6 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417069
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	89.5 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	95.6 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2418004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/24	04/30/24	
Surrogate: n-Nonane	103 %	50-200		04/29/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417089
Chloride	ND	20.0	1	04/26/24	04/29/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 1:10:59PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2417069-BLK1)

Prepared: 04/26/24 Analyzed: 04/26/24

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	0.458		0.500		91.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

LCS (2417069-BS1)

Prepared: 04/26/24 Analyzed: 04/26/24

Benzene	2.12	0.0250	2.50		84.9	70-130			
Ethylbenzene	2.21	0.0250	2.50		88.5	70-130			
Toluene	2.35	0.0250	2.50		94.2	70-130			
o-Xylene	2.20	0.0250	2.50		88.1	70-130			
p,m-Xylene	4.41	0.0500	5.00		88.2	70-130			
Total Xylenes	6.62	0.0250	7.50		88.2	70-130			
Surrogate: Bromofluorobenzene	0.465		0.500		92.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike (2417069-MS1)

Source: E404261-04

Prepared: 04/26/24 Analyzed: 04/26/24

Benzene	2.04	0.0250	2.50	ND	81.7	48-131			
Ethylbenzene	2.13	0.0250	2.50	ND	85.4	45-135			
Toluene	2.23	0.0250	2.50	ND	89.4	48-130			
o-Xylene	2.15	0.0250	2.50	ND	86.0	43-135			
p,m-Xylene	4.34	0.0500	5.00	ND	86.8	43-135			
Total Xylenes	6.49	0.0250	7.50	ND	86.5	43-135			
Surrogate: Bromofluorobenzene	0.470		0.500		93.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			

Matrix Spike Dup (2417069-MSD1)

Source: E404261-04

Prepared: 04/26/24 Analyzed: 04/26/24

Benzene	2.38	0.0250	2.50	ND	95.0	48-131	15.1	23	
Ethylbenzene	2.46	0.0250	2.50	ND	98.5	45-135	14.2	27	
Toluene	2.55	0.0250	2.50	ND	102	48-130	13.3	24	
o-Xylene	2.47	0.0250	2.50	ND	98.9	43-135	13.9	27	
p,m-Xylene	4.98	0.0500	5.00	ND	99.5	43-135	13.7	27	
Total Xylenes	7.45	0.0250	7.50	ND	99.3	43-135	13.8	27	
Surrogate: Bromofluorobenzene	0.464		0.500		92.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.542		0.500		108	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 1:10:59PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2417069-BLK1) Prepared: 04/26/24 Analyzed: 04/26/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.458		0.500		91.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

LCS (2417069-BS2) Prepared: 04/26/24 Analyzed: 04/26/24

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	0.464		0.500		92.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

Matrix Spike (2417069-MS2) Source: E404261-04 Prepared: 04/26/24 Analyzed: 04/26/24

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	0.457		0.500		91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

Matrix Spike Dup (2417069-MSD2) Source: E404261-04 Prepared: 04/26/24 Analyzed: 04/26/24

Gasoline Range Organics (C6-C10)	58.6	20.0	50.0	ND	117	70-130	7.00	20	
Surrogate: Bromofluorobenzene	0.460		0.500		92.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 1:10:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2418004-BLK1) Prepared: 04/29/24 Analyzed: 04/29/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.8	50-200			

LCS (2418004-BS1) Prepared: 04/29/24 Analyzed: 04/29/24

Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	49.5		50.0		98.9	50-200			

Matrix Spike (2418004-MS1) Source: E404261-03 Prepared: 04/29/24 Analyzed: 04/29/24

Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	38-132			
Surrogate: n-Nonane	55.5		50.0		111	50-200			

Matrix Spike Dup (2418004-MSD1) Source: E404261-03 Prepared: 04/29/24 Analyzed: 04/29/24

Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132	14.8	20	
Surrogate: n-Nonane	52.8		50.0		106	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 1:10:59PM

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 (2417089-BLK1)					Prepared: 04/26/24 Analyzed: 04/27/24				
Chloride	ND	20.0							
LCS (2417089-BS1)					Prepared: 04/26/24 Analyzed: 04/27/24				
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2417089-MS1)					Source: E404261-05		Prepared: 04/26/24 Analyzed: 04/27/24		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2417089-MSD1)					Source: E404261-05		Prepared: 04/26/24 Analyzed: 04/27/24		
Chloride	250	20.0	250	ND	100	80-120	0.887	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 Federal #004 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/02/24 13:10

- 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

[illegible]

**Additional Instructions:**

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

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) <i>Karime Hame</i>	Date 4/25/24	Time 1:00	Received by: (Signature) <i>Mahelle Gonzales</i>	Date 4-25-24	Time 1300	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 4-25-24	Time 1600	Received by: (Signature) <i>J.C.H.</i>	Date 4.25.24	Time 1800	
Relinquished by: (Signature) <i>J.C.H.</i>	Date 4.25.24	Time 2400	Received by: (Signature) <i>Kyana R Hall</i>	Date 4-26-24	Time 0630	

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sl** - Sludge, **A** - Aqueous, **O** - Other \_\_\_\_\_

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

## Project Information

## Chain of Custody

Page 2 of 10

<b>Client:</b> Pima Environmental Services <b>Project:</b> <u>Regulus 26 Federal #004 H</u> <b>Project Manager:</b> <u>Glo Gomez</u> <b>Address:</b> <u>5614 N. Lovington Hwy.</u> <b>City, State, Zip:</b> <u>Hobbs, NM, 88240</u> <b>Phone:</b> <u>806-782-1151</u> <b>Email:</b> <u>gio@pimaoil.com</u> <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> <u>Devon</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>1-277</u>					<b>Lab Use Only</b> <b>Lab Work:</b> <u>E 404261</u> <b>Job Number:</b> <u>101058-0007</u> <b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX										<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA State NM CO UT AZ TX X	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks																			
4:15	4/24	S		53-1'	11	X																			
9:23				53-2'	12																				
9:29				53-3'	13																				
9:33				53-4'	14																				
9:38				53-5'	15																				
9:42				54-1'	16																				
9:49				54-2'	17																				
9:54				54-3'	18																				
10:03				54-4'	19																				
10:08				54-5'	20																				
<b>Additional Instructions:</b> <u>B#21192295</u>																									
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.														
<b>Relinquished by: (Signature)</b> <u>Karime Adams</u> <b>Date</b> <u>4/25/24</u> <b>Time</b> <u>1:00</u>											<b>Received by: (Signature)</b> <u>Michelle Gonzales</u> <b>Date</b> <u>4-25-24</u> <b>Time</b> <u>1300</u>														
<b>Relinquished by: (Signature)</b> <u>Michelle Gonzales</u> <b>Date</b> <u>4-25-24</u> <b>Time</b> <u>1600</u>											<b>Received by: (Signature)</b> <u>A.H.</u> <b>Date</b> <u>4-25-24</u> <b>Time</b> <u>1800</u>														
<b>Relinquished by: (Signature)</b> <u>A.H.</u> <b>Date</b> <u>4-25-24</u> <b>Time</b> <u>2400</u>											<b>Received by: (Signature)</b> <u>Kayla K Hall</u> <b>Date</b> <u>4-26-24</u> <b>Time</b> <u>0630</u>														
<b>Sample Matrix:</b> S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											<b>Container Type:</b> g - glass, p - poly/plastic, ag - amber glass, v - VOA														
<b>Note:</b> 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: 4/26/2024 9:37:24AM

## 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:	04/26/24 06:30	Work Order ID:	E404261
Phone:	(575) 631-6977	Date Logged In:	04/25/24 16:08	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	05/02/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

No. of containers and Sampled by not documented on COC by client. Project: Regulus 26 Federal #004 H has been separated into multiple work orders due to high sample volume WO are as follows: 404261, 404262, 404263, 404264, 404265.

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 Federal #004 H

Work Order: E404262

Job Number: 01058-0007

Received: 4/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/2/24

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: 5/2/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Regulus 26 Federal #004 H  
Workorder: E404262  
Date Received: 4/26/2024 6:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/26/2024 6:30:00AM, under the Project Name: Regulus 26 Federal #004 H.

The analytical test results summarized in this report with the Project Name: Regulus 26 Federal #004 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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**Alexa Michaels**  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 05/02/24 15:03
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5 -1'	E404262-01A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S5 -2'	E404262-02A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S5 -3'	E404262-03A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S5 -4'	E404262-04A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S5 -5'	E404262-05A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S6 -1'	E404262-06A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S6 -2'	E404262-07A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S6 -3'	E404262-08A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S6 -4'	E404262-09A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S6 -5'	E404262-10A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S7 -1'	E404262-11A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S7 -2'	E404262-12A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S7 -3'	E404262-13A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S7 -4'	E404262-14A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S7 -5'	E404262-15A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S8 -1'	E404262-16A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S8 -2'	E404262-17A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S8 -3'	E404262-18A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S8 -4'	E404262-19A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S8 -5'	E404262-20A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 3:03:51PM
---	---	---------------------------------

S5 -1'

E404262-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	04/26/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/26/24	
Toluene	ND	0.0250	1	04/26/24	04/26/24	
o-Xylene	ND	0.0250	1	04/26/24	04/26/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/26/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		86.3 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		86.3 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane		107 %	50-200	04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	180	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	<b>Reported:</b> 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -2'

E404262-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	04/26/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/26/24	
Toluene	ND	0.0250	1	04/26/24	04/26/24	
o-Xylene	ND	0.0250	1	04/26/24	04/26/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/26/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		111 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		111 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane		108 %	50-200	04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	473	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -3'

E404262-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	110 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	84.9 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	110 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	84.9 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane	104 %	50-200		04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -4'

E404262-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	04/26/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/26/24	
Toluene	ND	0.0250	1	04/26/24	04/26/24	
o-Xylene	ND	0.0250	1	04/26/24	04/26/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/26/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane		110 %	50-200	04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -5'

E404262-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		102 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		102 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane		114 %	50-200	04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -1'

E404262-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		127 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		127 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane		116 %	50-200	04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417083
Chloride	185	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 3:03:51PM
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S6 -2'

E404262-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	110 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	86.2 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	110 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	86.2 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane	111 %	50-200		04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	441	20.0	1	04/26/24	04/26/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/2/2024 3:03:51PM

S6 -3'

E404262-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		116 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		116 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417072
Diesel Range Organics (C10-C28)	77.8	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	190	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane		115 %	50-200	04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417083
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -4'

E404262-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	80.6 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	101 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	80.6 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	101 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane	108 %	50-200		04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -5'

E404262-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		84.5 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		84.5 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane		112 %	50-200	04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417083
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 -1'

E404262-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		115 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		115 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane		111 %	50-200	04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417083
Chloride	183	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 3:03:51PM
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S7 -2'

E404262-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	103 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	103 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane	112 %	50-200		04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417083
Chloride	478	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 3:03:51PM
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S7 -3'

E404262-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417072
Diesel Range Organics (C10-C28)	49.7	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	157	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane		108 %	50-200	04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417083
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 -4'

E404262-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	128 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	102 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	128 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	102 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane	106 %	50-200		04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 -5'

E404262-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		83.3 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		83.3 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane		111 %	50-200	04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417083
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8 -1'

E404262-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	85.9 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	104 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	85.9 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	104 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane	113 %	50-200		04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	182	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 3:03:51PM
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S8 -2'

E404262-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane		114 %	50-200	04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417083
Chloride	559	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/2/2024 3:03:51PM
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S8 -3'

E404262-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	05/01/24	
Ethylbenzene	ND	0.0250	1	04/26/24	05/01/24	
Toluene	ND	0.0250	1	04/26/24	05/01/24	
o-Xylene	ND	0.0250	1	04/26/24	05/01/24	
p,m-Xylene	ND	0.0500	1	04/26/24	05/01/24	
Total Xylenes	ND	0.0250	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	98.2 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	101 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	98.2 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	101 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	30.1	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	93.2	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane	110 %	50-200		04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8 -4'

E404262-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	05/01/24	
Ethylbenzene	ND	0.0250	1	04/26/24	05/01/24	
Toluene	ND	0.0250	1	04/26/24	05/01/24	
o-Xylene	ND	0.0250	1	04/26/24	05/01/24	
p,m-Xylene	ND	0.0500	1	04/26/24	05/01/24	
Total Xylenes	ND	0.0250	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	106 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	111 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	106 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	111 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane	115 %	50-200		04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 3:03:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8 -5'

E404262-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Benzene	ND	0.0250	1	04/26/24	05/01/24	
Ethylbenzene	ND	0.0250	1	04/26/24	05/01/24	
Toluene	ND	0.0250	1	04/26/24	05/01/24	
o-Xylene	ND	0.0250	1	04/26/24	05/01/24	
p,m-Xylene	ND	0.0500	1	04/26/24	05/01/24	
Total Xylenes	ND	0.0250	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	103 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	86.0 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene	103 %	70-130		04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		04/26/24	05/01/24	
Surrogate: Toluene-d8	86.0 %	70-130		04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/30/24	
Surrogate: n-Nonane	110 %	50-200		04/26/24	04/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2417083	
Chloride	ND	20.0	1	04/26/24	04/27/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 3:03:51PM

Volatile Organic Compounds by EPA 8260B

Analyst: EG

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

Blank (2417074-BLK1) Prepared: 04/26/24 Analyzed: 04/26/24

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	0.668		0.500		134	70-130			S3
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS (2417074-BS1) Prepared: 04/26/24 Analyzed: 04/26/24

Benzene	2.80	0.0250	2.50		112	70-130			
Ethylbenzene	2.60	0.0250	2.50		104	70-130			
Toluene	2.21	0.0250	2.50		88.5	70-130			
o-Xylene	2.89	0.0250	2.50		116	70-130			
p,m-Xylene	5.86	0.0500	5.00		117	70-130			
Total Xylenes	8.76	0.0250	7.50		117	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.436		0.500		87.2	70-130			

Matrix Spike (2417074-MS1) Source: E404262-04 Prepared: 04/26/24 Analyzed: 04/26/24

Benzene	2.81	0.0250	2.50	ND	112	48-131			
Ethylbenzene	2.67	0.0250	2.50	ND	107	45-135			
Toluene	2.57	0.0250	2.50	ND	103	48-130			
o-Xylene	2.76	0.0250	2.50	ND	111	43-135			
p,m-Xylene	5.15	0.0500	5.00	ND	103	43-135			
Total Xylenes	7.92	0.0250	7.50	ND	106	43-135			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike Dup (2417074-MSD1) Source: E404262-04 Prepared: 04/26/24 Analyzed: 04/26/24

Benzene	2.83	0.0250	2.50	ND	113	48-131	0.799	23	
Ethylbenzene	2.59	0.0250	2.50	ND	104	45-135	3.19	27	
Toluene	2.31	0.0250	2.50	ND	92.4	48-130	10.5	24	
o-Xylene	2.85	0.0250	2.50	ND	114	43-135	3.26	27	
p,m-Xylene	5.70	0.0500	5.00	ND	114	43-135	10.0	27	
Total Xylenes	8.55	0.0250	7.50	ND	114	43-135	7.71	27	
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.448		0.500		89.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 3:03:51PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

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

Blank (2417074-BLK1)					Prepared: 04/26/24 Analyzed: 04/26/24				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.668		0.500		134	70-130			S3
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS (2417074-BS2)					Prepared: 04/26/24 Analyzed: 04/26/24				
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.450		0.500		90.0	70-130			

Matrix Spike (2417074-MS2)					Source: E404262-04	Prepared: 04/26/24 Analyzed: 04/26/24			
Gasoline Range Organics (C6-C10)	58.2	20.0	50.0	ND	116	70-130			
Surrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.550		0.500		110	70-130			

Matrix Spike Dup (2417074-MSD2)					Source: E404262-04	Prepared: 04/26/24 Analyzed: 04/26/24			
Gasoline Range Organics (C6-C10)	60.2	20.0	50.0	ND	120	70-130	3.33	20	
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 3:03:51PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2417072-BLK1)					Prepared: 04/26/24 Analyzed: 04/30/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.3		50.0		111	50-200			

LCS (2417072-BS1)					Prepared: 04/26/24 Analyzed: 04/30/24				
Diesel Range Organics (C10-C28)	306	25.0	250		122	38-132			
Surrogate: n-Nonane	58.0		50.0		116	50-200			

Matrix Spike (2417072-MS1)					Source: E404262-03		Prepared: 04/26/24 Analyzed: 04/30/24		
Diesel Range Organics (C10-C28)	320	25.0	250	ND	128	38-132			
Surrogate: n-Nonane	57.5		50.0		115	50-200			

Matrix Spike Dup (2417072-MSD1)					Source: E404262-03		Prepared: 04/26/24 Analyzed: 04/30/24		
Diesel Range Organics (C10-C28)	330	25.0	250	ND	132	38-132	3.16	20	
Surrogate: n-Nonane	58.4		50.0		117	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 3:03:51PM

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 (2417083-BLK1)					Prepared: 04/26/24 Analyzed: 04/26/24				
Chloride	ND	20.0							
LCS (2417083-BS1)					Prepared: 04/26/24 Analyzed: 04/26/24				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2417083-MS1)					Source: E404262-02		Prepared: 04/26/24 Analyzed: 04/26/24		
Chloride	736	20.0	250	473	105	80-120			
Matrix Spike Dup (2417083-MSD1)					Source: E404262-02		Prepared: 04/26/24 Analyzed: 04/27/24		
Chloride	754	20.0	250	473	112	80-120	2.37	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 Federal #004 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/02/24 15:03

- S3 Surrogate spike recovery was outside acceptance limits. LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



## Project Information

## Chain of Custody

Page 3 of 10

<b>Client:</b> Pima Environmental Services <b>Project:</b> Regulus 26 Federal #004 H <b>Project Manager:</b> Glo Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> glo@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 1-277					<b>Lab Use Only</b> <b>Lab Work:</b> E 404262 <b>Job Number:</b> 101058-0007 <b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard X			<b>EPA Program</b> CWA SDWA RCRA State NM CO UT AZ TX X	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks					
10:15	4/24	S		S5-1'	1							X							
10:21				S5-2'	2														
10:29				S5-3'	3														
10:33				S5-4'	4														
10:39				S5-5'	5														
10:43				S6-1'	6														
10:48				S6-2'	7														
10:53				S6-3'	8														
10:59				S6-4'	9														
11:08				S6-5'	10														
<b>Additional Instructions:</b> B# 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)		Date	Time	Received by: (Signature)		Date	Time	<b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y / N T1 T2 T3 AVG Temp °C 4											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
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 10

<b>Client:</b> Pima Environmental Services <b>Project:</b> <u>Regulus 26 Federal #004 H</u> <b>Project Manager:</b> <u>Glo Gomez</u> <b>Address:</b> <u>5614 N. Lovington Hwy.</u> <b>City, State, Zip:</b> <u>Hobbs, NM, 88240</u> <b>Phone:</b> <u>806-782-1151</u> <b>Email:</b> <u>glo@pimaoil.com</u> <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> <u>Devon</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>1-277</u>					<b>Lab Use Only</b> <b>Lab Work:</b> <u>E404262</u> <b>Job Number:</b> <u>01058-0007</u> <b>Analysis and Method</b> DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA State NM CO UT AZ TX X	
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	BGDOC NM	BGDOC TX	Remarks						
11:16	4/24	S		S7-1'	11							X								
11:28				S7-2'	12															
11:33				S7-3'	13															
11:45				S7-4'	14															
11:55				S7-5'	15															
12:01				S8-1'	16															
12:09				S8-2'	17															
12:14				S8-3'	18															
12:28				S8-4'	19															
12:44				S8-5'	20															
<b>Additional Instructions:</b> <u>B# 21192295</u>																				
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)		Date		Time		Received by: (Signature)		Date		Time		<b>Lab Use Only</b> Received on ice: <u>Y / N</u>								
<u>Karime Adams</u>		<u>4/25/24</u>		<u>1:00</u>		<u>Michelle Gonzales</u>		<u>4-25-24</u>		<u>1:30</u>		T1 T2 T3								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C <u>4</u>								
<u>Michelle Gonzales</u>		<u>4-25-24</u>		<u>16:00</u>		<u>J.C.M.</u>		<u>4-25-24</u>		<u>18:00</u>										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
<u>J.C.M.</u>		<u>4-25-24</u>		<u>24:00</u>		<u>Kyle R. Hall</u>		<u>4-26-24</u>		<u>06:30</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**

## Envirotech Analytical Laboratory

Printed: 4/26/2024 9:56:09AM

## 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:	04/26/24 06:30	Work Order ID:	E404262
Phone:	(575) 631-6977	Date Logged In:	04/25/24 16:21	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	05/02/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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 (pca sized or less)?                    | NA  |
| 17. Was a trip blank (TB) included for VOC analyses?                           | NA  |
| 18. Are non-VOC samples collected in the correct containers?                   | Yes |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes |

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

No. of containers and Sampled by not documented on COC by client. Project: Regulus 26 Federal #004 H has been separated into multiple work orders due to high sample volume WO are as follows: 404261, 404262, 404263, 404264, 404265.

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

Date



envirotech Inc.

Report to:  
Gio Gomez



5796 U.S. Hwy 64  
Farmington, NM 87401

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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Regulus 26 Federal #004 H

Work Order: E404263

Job Number: 01058-0007

Received: 4/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/3/24

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: 5/3/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Regulus 26 Federal #004 H  
Workorder: E404263  
Date Received: 4/26/2024 6:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/26/2024 6:30:00AM, under the Project Name: Regulus 26 Federal #004 H.

The analytical test results summarized in this report with the Project Name: Regulus 26 Federal #004 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

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**Michelle Golzaes**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/03/24 14:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S9 -1'	E404263-01A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S9 -2'	E404263-02A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S9 -3'	E404263-03A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S9 -4'	E404263-04A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S9 -5'	E404263-05A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S10 -1'	E404263-06A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S10 -2'	E404263-07A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S10 -3'	E404263-08A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S10 -4'	E404263-09A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S10 -5'	E404263-10A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S11 -1'	E404263-11A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S11 -2'	E404263-12A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S11 -3'	E404263-13A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S11 -4'	E404263-14A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S11 -5'	E404263-15A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S12 -1'	E404263-16A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S12 -2'	E404263-17A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S12 -3'	E404263-18A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S12 -4'	E404263-19A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S12 -5'	E404263-20A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/3/2024 2:43:20PM

S9 -1'

E404263-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/26/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/26/24	
Toluene	ND	0.0250	1	04/26/24	04/26/24	
o-Xylene	ND	0.0250	1	04/26/24	04/26/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/26/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		76.5 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	190	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 2:43:20PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S9 -2'

E404263-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/26/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/26/24	
Toluene	ND	0.0250	1	04/26/24	04/26/24	
o-Xylene	ND	0.0250	1	04/26/24	04/26/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/26/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		83.5 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	634	20.0	1	04/26/24	04/26/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/3/2024 2:43:20PM

S9 -3'

E404263-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		85.1 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 2:43:20PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S9 -4'

E404263-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/26/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/26/24	
Toluene	ND	0.0250	1	04/26/24	04/26/24	
o-Xylene	ND	0.0250	1	04/26/24	04/26/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/26/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/26/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/26/24	04/26/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	04/26/24	04/26/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		83.0 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/3/2024 2:43:20PM
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S9 -5'

E404263-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		82.7 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 2:43:20PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10 -1'  
E404263-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		84.3 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	177	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/3/2024 2:43:20PM
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S10 -2'  
E404263-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2418012
Benzene	ND	0.0250	1	04/29/24	05/01/24	
Ethylbenzene	ND	0.0250	1	04/29/24	05/01/24	
Toluene	ND	0.0250	1	04/29/24	05/01/24	
o-Xylene	ND	0.0250	1	04/29/24	05/01/24	
p,m-Xylene	ND	0.0500	1	04/29/24	05/01/24	
Total Xylenes	ND	0.0250	1	04/29/24	05/01/24	
Surrogate: Bromofluorobenzene	89.1 %	70-130		04/29/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/29/24	05/01/24	
Surrogate: Toluene-d8	98.8 %	70-130		04/29/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2418012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/24	05/01/24	
Surrogate: Bromofluorobenzene	89.1 %	70-130		04/29/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/29/24	05/01/24	
Surrogate: Toluene-d8	98.8 %	70-130		04/29/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	05/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	05/03/24	
Surrogate: n-Nonane	75.5 %	50-200		04/26/24	05/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2418001
Chloride	564	20.0	1	04/29/24	04/29/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/3/2024 2:43:20PM

S10 -3'

E404263-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		102 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		102 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	51.3	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		83.6 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 2:43:20PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10 -4'  
E404263-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417075	
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	108 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	106 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	108 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	106 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417073	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane	82.9 %	50-200		04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2417087	
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 2:43:20PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10 -5'  
E404263-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		79.5 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	ND	20.0	1	04/26/24	04/26/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/3/2024 2:43:20PM

S11 -1'

E404263-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		78.8 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	180	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	<b>Reported:</b> 5/3/2024 2:43:20PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S11 -2'  
E404263-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		78.7 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	487	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 2:43:20PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S11 -3'  
E404263-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		79.9 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/3/2024 2:43:20PM
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S11 -4'  
E404263-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		79.3 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	ND	20.0	1	04/26/24	04/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 2:43:20PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S11 -5'  
E404263-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417075	
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	105 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	104 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2417075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene	105 %	70-130		04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		04/26/24	04/27/24	
Surrogate: Toluene-d8	104 %	70-130		04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417073	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane	78.8 %	50-200		04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2417087	
Chloride	ND	20.0	1	04/26/24	04/26/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/3/2024 2:43:20PM

S12 -1'

E404263-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		79.3 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	173	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/3/2024 2:43:20PM
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S12 -2'  
E404263-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		78.7 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	456	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/3/2024 2:43:20PM

S12 -3'

E404263-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	04/27/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/27/24	
Toluene	ND	0.0250	1	04/26/24	04/27/24	
o-Xylene	ND	0.0250	1	04/26/24	04/27/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/27/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	04/26/24	04/27/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		78.3 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 2:43:20PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12 -4'  
E404263-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2417075	
Benzene	ND	0.0250	1	04/26/24	05/01/24	
Ethylbenzene	ND	0.0250	1	04/26/24	05/01/24	
Toluene	ND	0.0250	1	04/26/24	05/01/24	
o-Xylene	ND	0.0250	1	04/26/24	05/01/24	
p,m-Xylene	ND	0.0500	1	04/26/24	05/01/24	
Total Xylenes	ND	0.0250	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	04/26/24	05/01/24	
Surrogate: Toluene-d8		107 %	70-130	04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2417075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	04/26/24	05/01/24	
Surrogate: Toluene-d8		107 %	70-130	04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2417073	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		81.1 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2417087	
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 2:43:20PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12 -5'  
E404263-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417075
Benzene	ND	0.0250	1	04/26/24	05/01/24	
Ethylbenzene	ND	0.0250	1	04/26/24	05/01/24	
Toluene	ND	0.0250	1	04/26/24	05/01/24	
o-Xylene	ND	0.0250	1	04/26/24	05/01/24	
p,m-Xylene	ND	0.0500	1	04/26/24	05/01/24	
Total Xylenes	ND	0.0250	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	04/26/24	05/01/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	05/01/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	05/01/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	04/26/24	05/01/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	05/01/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		82.1 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417087
Chloride	ND	20.0	1	04/26/24	04/27/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/3/2024 2:43:20PM

Volatile Organic Compounds by EPA 8260B

Analyst: EG

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

Blank (2417075-BLK1) Prepared: 04/26/24 Analyzed: 04/26/24

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	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2417075-BS1) Prepared: 04/26/24 Analyzed: 04/26/24

Benzene	2.59	0.0250	2.50		103	70-130			
Ethylbenzene	2.53	0.0250	2.50		101	70-130			
Toluene	2.57	0.0250	2.50		103	70-130			
o-Xylene	2.58	0.0250	2.50		103	70-130			
p,m-Xylene	5.19	0.0500	5.00		104	70-130			
Total Xylenes	7.77	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike (2417075-MS1) Source: E404263-04 Prepared: 04/26/24 Analyzed: 04/26/24

Benzene	2.59	0.0250	2.50	ND	104	48-131			
Ethylbenzene	2.56	0.0250	2.50	ND	102	45-135			
Toluene	2.60	0.0250	2.50	ND	104	48-130			
o-Xylene	2.60	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135			
Total Xylenes	7.78	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.536		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

Matrix Spike Dup (2417075-MSD1) Source: E404263-04 Prepared: 04/26/24 Analyzed: 04/26/24

Benzene	2.61	0.0250	2.50	ND	104	48-131	0.788	23	
Ethylbenzene	2.61	0.0250	2.50	ND	104	45-135	1.99	27	
Toluene	2.64	0.0250	2.50	ND	106	48-130	1.62	24	
o-Xylene	2.68	0.0250	2.50	ND	107	43-135	3.11	27	
p,m-Xylene	5.32	0.0500	5.00	ND	106	43-135	2.58	27	
Total Xylenes	8.00	0.0250	7.50	ND	107	43-135	2.76	27	
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/3/2024 2:43:20PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2418012-BLK1) Prepared: 04/29/24 Analyzed: 04/30/24

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	0.449		0.500		89.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

LCS (2418012-BS1) Prepared: 04/29/24 Analyzed: 04/30/24

Benzene	2.87	0.0250	2.50		115	70-130			
Ethylbenzene	2.83	0.0250	2.50		113	70-130			
Toluene	2.90	0.0250	2.50		116	70-130			
o-Xylene	2.80	0.0250	2.50		112	70-130			
p,m-Xylene	5.75	0.0500	5.00		115	70-130			
Total Xylenes	8.55	0.0250	7.50		114	70-130			
Surrogate: Bromofluorobenzene	0.459		0.500		91.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.8	70-130			

Matrix Spike (2418012-MS1) Source: E404274-01 Prepared: 04/29/24 Analyzed: 04/30/24

Benzene	2.26	0.0250	2.50	ND	90.5	48-131			
Ethylbenzene	2.25	0.0250	2.50	ND	90.0	45-135			
Toluene	2.33	0.0250	2.50	ND	93.4	48-130			
o-Xylene	2.33	0.0250	2.50	ND	93.1	43-135			
p,m-Xylene	4.72	0.0500	5.00	ND	94.4	43-135			
Total Xylenes	7.05	0.0250	7.50	ND	94.0	43-135			
Surrogate: Bromofluorobenzene	0.469		0.500		93.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			

Matrix Spike Dup (2418012-MSD1) Source: E404274-01 Prepared: 04/29/24 Analyzed: 04/30/24

Benzene	2.30	0.0250	2.50	ND	92.0	48-131	1.64	23	
Ethylbenzene	2.32	0.0250	2.50	ND	92.9	45-135	3.15	27	
Toluene	2.46	0.0250	2.50	ND	98.4	48-130	5.26	24	
o-Xylene	2.33	0.0250	2.50	ND	93.0	43-135	0.107	27	
p,m-Xylene	4.69	0.0500	5.00	ND	93.7	43-135	0.659	27	
Total Xylenes	7.01	0.0250	7.50	ND	93.5	43-135	0.477	27	
Surrogate: Bromofluorobenzene	0.457		0.500		91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/3/2024 2:43:20PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

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

Blank (2417075-BLK1) Prepared: 04/26/24 Analyzed: 04/26/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2417075-BS2) Prepared: 04/26/24 Analyzed: 04/26/24

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike (2417075-MS2) Source: E404263-04 Prepared: 04/26/24 Analyzed: 04/26/24

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

Matrix Spike Dup (2417075-MSD2) Source: E404263-04 Prepared: 04/26/24 Analyzed: 04/26/24

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0	ND	104	70-130	0.931	20	
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/3/2024 2:43:20PM

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 (2418012-BLK1) Prepared: 04/29/24 Analyzed: 04/30/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.449		0.500		89.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

LCS (2418012-BS2) Prepared: 04/29/24 Analyzed: 04/30/24

Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.9	70-130			
Surrogate: Bromofluorobenzene	0.433		0.500		86.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			

Matrix Spike (2418012-MS2) Source: E404274-01 Prepared: 04/29/24 Analyzed: 04/30/24

Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.451		0.500		90.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			

Matrix Spike Dup (2418012-MSD2) Source: E404274-01 Prepared: 04/29/24 Analyzed: 04/30/24

Gasoline Range Organics (C6-C10)	58.5	20.0	50.0	ND	117	70-130	7.75	20	
Surrogate: Bromofluorobenzene	0.456		0.500		91.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/3/2024 2:43:20PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2417073-BLK1) Prepared: 04/26/24 Analyzed: 04/26/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.0		50.0		86.0	50-200			

LCS (2417073-BS1) Prepared: 04/26/24 Analyzed: 04/26/24

Diesel Range Organics (C10-C28)	286	25.0	250		114	38-132			
Surrogate: n-Nonane	47.5		50.0		95.1	50-200			

Matrix Spike (2417073-MS1) Source: E404263-05 Prepared: 04/26/24 Analyzed: 04/26/24

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	42.2		50.0		84.4	50-200			

Matrix Spike Dup (2417073-MSD1) Source: E404263-05 Prepared: 04/26/24 Analyzed: 04/26/24

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.4	38-132	2.64	20	
Surrogate: n-Nonane	42.4		50.0		84.7	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/3/2024 2:43:20PM

Anions by EPA 300.0/9056A

Analyst: IY

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 (2417087-BLK1)					Prepared: 04/26/24 Analyzed: 04/26/24				
Chloride	ND	20.0							
LCS (2417087-BS1)					Prepared: 04/26/24 Analyzed: 04/26/24				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2417087-MS1)					Source: E404263-03		Prepared: 04/26/24 Analyzed: 04/26/24		
Chloride	267	20.0	250	ND	107	80-120			
Matrix Spike Dup (2417087-MSD1)					Source: E404263-03		Prepared: 04/26/24 Analyzed: 04/26/24		
Chloride	268	20.0	250	ND	107	80-120	0.254	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/3/2024 2:43:20PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2418001-BLK1)					Prepared: 04/29/24 Analyzed: 04/29/24				
Chloride	ND	20.0							
LCS (2418001-BS1)					Prepared: 04/29/24 Analyzed: 04/29/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2418001-MS1)					Source: E404267-02		Prepared: 04/29/24 Analyzed: 04/29/24		
Chloride	1050	20.0	250	752	120	80-120			
Matrix Spike Dup (2418001-MSD1)					Source: E404267-02		Prepared: 04/29/24 Analyzed: 04/29/24		
Chloride	1010	20.0	250	752	104	80-120	3.94	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 Federal #004 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/03/24 14:43

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 5 of 10

<b>Client:</b> Pima Environmental Services <b>Project:</b> <u>Perquitos Federal #004 H</u> <b>Project Manager:</b> <u>Glo Gomez</u> <b>Address:</b> <u>5614 N. Lovington Hwy.</u> <b>City, State, Zip:</b> <u>Hobbs, NM. 88240</u> <b>Phone:</b> <u>806-782-1151</u> <b>Email:</b> <u>glo@pimaoil.com</u> <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> <u>Devon</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>1-277</u>					<b>Lab Use Only</b> <b>Lab WOI:</b> <u>E 404263</u> <b>Job Number:</b> <u>01058-007</u> <b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard				<b>EPA Program</b> CWA SDWA RCRA															
<b>Time Sampled</b> 12:54 12:58 1:09 1:14 1:26 1:34 1:39 1:48 1:53 1:58					<b>Date Sampled</b> 4/24                 					<b>Matrix</b> S               					<b>No. of Containers</b>          					<b>Sample ID</b> S9-1' S9-2' S9-3' S9-4' S9-5' S10-1' S10-2' S10-3' S10-4' S10-5'					<b>Lab Number</b> 1 2 3 4 5 6 7 8 9 10					<b>Remarks</b>          				
<b>Additional Instructions:</b> <u>B#21192295</u>																																		
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) <u>Karime Adams</u>					Date <u>4/25/24</u> Time <u>1:00</u>					Received by: (Signature) <u>Michelle Gonzales</u>					Date <u>4-25-24</u> Time <u>1300</u>																			
Relinquished by: (Signature) <u>Michelle Gonzales</u>					Date <u>4-25-24</u> Time <u>1600</u>					Received by: (Signature) <u>A.M.</u>					Date <u>4-25-24</u> Time <u>1800</u>																			
Relinquished by: (Signature) <u>A.M.</u>					Date <u>4-25-24</u> Time <u>2400</u>					Received by: (Signature) <u>Kayla R Hall</u>					Date <u>4-26-24</u> Time <u>0630</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.																																		


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## Project Information

## Chain of Custody

Page 6 of 10

<b>Client: Pima Environmental Services</b> <b>Project:</b> <u>Regulation 26 Federal #004H</u> <b>Project Manager:</b> <u>Glo Gomez</u> <b>Address:</b> <u>5614 N. Lovington Hwy.</u> <b>City, State, Zip:</b> <u>Hobbs, NM, 88240</u> <b>Phone:</b> <u>806-782-1151</u> <b>Email:</b> <u>gio@pimaoil.com</u> <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> <u>Devon</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>1-277</u>					<b>Lab Use Only</b> <b>Lab WO#</b> <u>E404263</u> <b>Job Number</b> <u>D1058-0007</u> <b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA State NM CO UT AZ TX X	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
2:07	4/24	S		S11-1'	11							X								
2:15				S11-2'	12															
2:24				S11-3'	13															
2:29				S11-4'	14															
2:34				S11-5'	15															
2:42				S12-1'	16															
2:49				S12-2'	17															
2:56				S12-3'	18															
3:07				S12-4'	19															
3:13				S12-5'	20															
<b>Additional Instructions:</b> <u>B# 2192295</u>																				
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. <b>Sampled by:</b>																				
Relinquished by: (Signature) <u>Karine Asta me</u> Date <u>4/25/24</u> Time <u>1:00</u>					Received by: (Signature) <u>Michelle Gonzales</u> Date <u>4-25-24</u> Time <u>1300</u>					<b>Lab Use Only</b> Received on ice: <u>Y</u> / N T1 T2 T3 AVG Temp °C <u>4</u>										
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>4-25-24</u> Time <u>1600</u>					Received by: (Signature) <u>J.H.</u> Date <u>4-25-24</u> Time <u>1800</u>															
Relinquished by: (Signature) <u>J.H.</u> Date <u>4-25-24</u> Time <u>2400</u>					Received by: (Signature) <u>Kyrra R Howell</u> Date <u>4-26-24</u> Time <u>0630</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**

## Envirotech Analytical Laboratory

Printed: 4/26/2024 10:06:01AM

## 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:	04/26/24 06:30	Work Order ID:	E404263
Phone:	(575) 631-6977	Date Logged In:	04/25/24 16:31	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	05/02/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierSample 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 (pca sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

No. of containers and Sampled by not documented on COC by client. Project: Regulus 26 Federal #004 H has been separated into multiple work orders due to high sample volume WO are as follows: 404261, 404262, 404263, 404264, 404265.

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 Federal #004 H

Work Order: E404264

Job Number: 01058-0007

Received: 4/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/3/24

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.  
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/3/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Regulus 26 Federal #004 H  
Workorder: E404264  
Date Received: 4/26/2024 6:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/26/2024 6:30:00AM, under the Project Name: Regulus 26 Federal #004 H.

The analytical test results summarized in this report with the Project Name: Regulus 26 Federal #004 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/03/24 09:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S13 -1'	E404264-01A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S13 -2'	E404264-02A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S13 -3'	E404264-03A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S13 -4'	E404264-04A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S13 -5'	E404264-05A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S14 -1'	E404264-06A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S14 -2'	E404264-07A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S14 -3'	E404264-08A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S14 -4'	E404264-09A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S14 -5'	E404264-10A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S15 -1'	E404264-11A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S15 -2'	E404264-12A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S15 -3'	E404264-13A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S15 -4'	E404264-14A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
S15 -5'	E404264-15A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW1	E404264-16A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW2	E404264-17A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW3	E404264-18A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW4	E404264-19A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW5	E404264-20A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/3/2024 9:51:09AM

S13 -1'

E404264-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		130 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	169	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	<b>Reported:</b> 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S13 -2'  
E404264-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		110 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	636	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S13 -3'

E404264-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	48.9	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	99.6	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		106 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S13 -4'  
E404264-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		106 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S13 -5'  
E404264-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		105 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/3/2024 9:51:09AM

S14 -1'

E404264-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		109 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	510	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	<b>Reported:</b> 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14 -2'  
E404264-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		109 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	538	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/3/2024 9:51:09AM

S14 -3'

E404264-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	04/26/24	04/29/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	63.2	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	131	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		108 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14 -4'  
E404264-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2417076	
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2417076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2417080	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane		108 %	50-200	04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2417085	
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Regulus 26 Federal #004 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/3/2024 9:51:09AM
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S14 -5'  
E404264-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		105 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15 -1'  
E404264-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		116 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		116 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		103 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		103 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	555	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15 -2'  
E404264-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		115 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		115 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		103 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	502	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/3/2024 9:51:09AM

S15 -3'

E404264-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		118 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		118 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	44.7	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	61.2	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		111 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15 -4'  
E404264-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		116 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		116 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		118 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15 -5'  
E404264-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		105 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW1

E404264-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2417076	
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2417076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		106 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2417080	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		105 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2417085	
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW2

E404264-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		105 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW3

E404264-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		120 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		120 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		105 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/3/2024 9:51:09AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW4

E404264-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		105 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		104 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/3/2024 9:51:09AM

## SW5

## E404264-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417076
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/26/24	04/30/24	
Surrogate: Toluene-d8		104 %	70-130	04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417080
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane		105 %	50-200	04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417085
Chloride	ND	20.0	1	04/26/24	04/27/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/3/2024 9:51:09AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2417076-BLK1) Prepared: 04/26/24 Analyzed: 04/29/24

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	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2417076-BS1) Prepared: 04/26/24 Analyzed: 04/29/24

Benzene	2.50	0.0250	2.50		100	70-130			
Ethylbenzene	2.50	0.0250	2.50		99.9	70-130			
Toluene	2.52	0.0250	2.50		101	70-130			
o-Xylene	2.62	0.0250	2.50		105	70-130			
p,m-Xylene	5.27	0.0500	5.00		105	70-130			
Total Xylenes	7.89	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike (2417076-MS1) Source: E404264-04 Prepared: 04/26/24 Analyzed: 04/29/24

Benzene	2.57	0.0250	2.50	ND	103	48-131			
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135			
Toluene	2.56	0.0250	2.50	ND	102	48-130			
o-Xylene	2.66	0.0250	2.50	ND	107	43-135			
p,m-Xylene	5.31	0.0500	5.00	ND	106	43-135			
Total Xylenes	7.97	0.0250	7.50	ND	106	43-135			
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike Dup (2417076-MSD1) Source: E404264-04 Prepared: 04/26/24 Analyzed: 04/29/24

Benzene	2.69	0.0250	2.50	ND	108	48-131	4.70	23	
Ethylbenzene	2.70	0.0250	2.50	ND	108	45-135	5.72	27	
Toluene	2.72	0.0250	2.50	ND	109	48-130	5.88	24	
o-Xylene	2.85	0.0250	2.50	ND	114	43-135	6.89	27	
p,m-Xylene	5.68	0.0500	5.00	ND	114	43-135	6.69	27	
Total Xylenes	8.53	0.0250	7.50	ND	114	43-135	6.76	27	
Surrogate: Bromofluorobenzene	0.556		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/3/2024 9:51:09AM

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 (2417076-BLK1) Prepared: 04/26/24 Analyzed: 04/29/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2417076-BS2) Prepared: 04/26/24 Analyzed: 04/29/24

Gasoline Range Organics (C6-C10)	58.1	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

Matrix Spike (2417076-MS2) Source: E404264-04 Prepared: 04/26/24 Analyzed: 04/29/24

Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.541		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike Dup (2417076-MSD2) Source: E404264-04 Prepared: 04/26/24 Analyzed: 04/29/24

Gasoline Range Organics (C6-C10)	58.3	20.0	50.0	ND	117	70-130	9.31	20	
Surrogate: Bromofluorobenzene	0.551		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/3/2024 9:51:09AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2417080-BLK1)					Prepared: 04/26/24 Analyzed: 04/26/24				
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 (2417080-BS1)					Prepared: 04/26/24 Analyzed: 04/26/24				
Diesel Range Organics (C10-C28)	312	25.0	250		125	38-132			
Surrogate: n-Nonane	54.1		50.0		108	50-200			

Matrix Spike (2417080-MS1)					Source: E404264-03		Prepared: 04/26/24 Analyzed: 04/26/24		
Diesel Range Organics (C10-C28)	327	25.0	250	48.9	111	38-132			
Surrogate: n-Nonane	55.0		50.0		110	50-200			

Matrix Spike Dup (2417080-MSD1)					Source: E404264-03		Prepared: 04/26/24 Analyzed: 04/26/24		
Diesel Range Organics (C10-C28)	327	25.0	250	48.9	111	38-132	0.111	20	
Surrogate: n-Nonane	55.2		50.0		110	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/3/2024 9:51:09AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2417085-BLK1)					Prepared: 04/26/24 Analyzed: 04/26/24				
Chloride	ND	20.0							
LCS (2417085-BS1)					Prepared: 04/26/24 Analyzed: 04/27/24				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2417085-MS1)					Source: E404264-03		Prepared: 04/26/24 Analyzed: 04/27/24		
Chloride	268	20.0	250	ND	107	80-120			
Matrix Spike Dup (2417085-MSD1)					Source: E404264-03		Prepared: 04/26/24 Analyzed: 04/27/24		
Chloride	268	20.0	250	ND	107	80-120	0.0198	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 Federal #004 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/03/24 09:51

- 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

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT			EPA Program		
Project: REGULUS 26 Federal #004 H					Attention: Devon		Lab Work				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Glo Gomez					Address:		Job Number									
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method									RCRA
City, State, Zip Hobbs, NM, 88240					Phone:											
Phone: 806-782-1151					Email:											
Email: glo@pimaoil.com					Pima Project # 1-277											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	State		
3:18	4/24	S		S13-1'	1							X		NM	CO	UT
3:24				S13-2'	2										AZ	TX
3:28				S13-3'	3											
3:36				S13-4'	4											
3:42				S13-5'	5											
3:58				S14-1'	6											
4:12				S14-2'	7											
4:17				S14-3'	8											
4:20				S14-4'	9											
4:23				S14-5'	10											
Additional instructions: B#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)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only								
Karime Adams		4/25/24	1:00	Michelle Gonzalez		4-25-24	1300	Received on ice: Y/N								
Michelle Gonzalez		4-25-24	1600	J.H.		4-25-24	1800	T1 T2 T3								
C.H.		4-25-24	2400	Keylyn R. Hoot		4-26-24	0630	AVG Temp °C 4								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																

## Project Information

## Chain of Custody

Page 8 of 10

<b>Client:</b> Pima Environmental Services <b>Project:</b> <u>Regulus 26 Federal #004H</u> <b>Project Manager:</b> <u>Glo Gomez</u> <b>Address:</b> <u>5614 N. Lovington Hwy.</u> <b>City, State, Zip:</b> <u>Hobbs, NM. 88240</u> <b>Phone:</b> <u>806-782-1151</u> <b>Email:</b> <u>gio@pimaoil.com</u> <b>Report due by:</b>				<b>Bill To</b> <b>Attention:</b> <u>Devon</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>1-277</u>				<b>Lab Use Only</b> <b>Lab Work:</b> <u>E409264</u> <b>Job Number:</b> <u>01058-1007</u> <b>Analysis and Method</b> DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX				<b>TAT</b> 1D 2D 3D Standard X <b>EPA Program</b> CWA SDWA RCRA State NM CO UT AZ TX X			
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	Remarks	
4:30	4/24	S		S15-1'	11							X			
4:32				S15-2'	12										
4:38				S15-3'	13										
4:43				S15-4'	14										
4:48				S15-5'	15										
4:53				SW1	16										
4:58				SW2	17										
5:03				SW3	18										
5:05				SW4	19										
5:07				SW5	20										
<b>Additional Instructions:</b> <u>B # 21192295</u>															
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	<b>Lab Use Only</b> Received on ice: <u>Y</u> / N T1 T2 T3 AVG Temp °C <u>4</u>							
<u>Karine Adams</u> <u>Michelle Gonzales</u> <u>C. J. H.</u>		<u>4/25/24</u> <u>4-25-24</u> <u>4-25-24</u>	<u>1:00</u> <u>1600</u> <u>2400</u>	<u>Michelle Gonzales</u> <u>C. J. H.</u> <u>Kayla R. Hax</u>		<u>4-25-24</u> <u>4-25-24</u> <u>4-26-24</u>	<u>1300</u> <u>1800</u> <u>0630</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**

## Envirotech Analytical Laboratory

Printed: 4/26/2024 10:27:02AM

## 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:	04/26/24 06:30	Work Order ID:	E404264
Phone:	(575) 631-6977	Date Logged In:	04/25/24 16:41	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	05/02/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

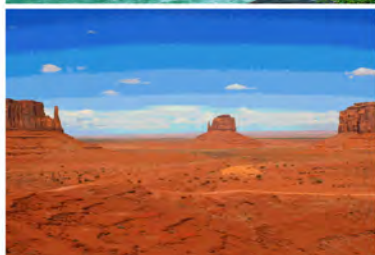
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Regulus 26 Federal #004 H

Work Order: E404265

Job Number: 01058-0007

Received: 4/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/2/24

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: 5/2/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Regulus 26 Federal #004 H  
Workorder: E404265  
Date Received: 4/26/2024 6:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/26/2024 6:30:00AM, under the Project Name: Regulus 26 Federal #004 H.

The analytical test results summarized in this report with the Project Name: Regulus 26 Federal #004 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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**  
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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	<b>Reported:</b> 05/02/24 14:11
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW6	E404265-01A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW7	E404265-02A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW8	E404265-03A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW9	E404265-04A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW10	E404265-05A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW11	E404265-06A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW12	E404265-07A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW13	E404265-08A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW14	E404265-09A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW15	E404265-10A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW16	E404265-11A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW17	E404265-12A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW18	E404265-13A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
SW19	E404265-14A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.
BG1	E404265-15A	Soil	04/24/24	04/26/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/2/2024 2:11:57PM

## SW6

## E404265-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	88.8 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	96.4 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	88.8 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	96.4 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane	112 %	50-200		04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/2/2024 2:11:57PM

SW7

E404265-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	89.9 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	96.5 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	89.9 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	96.5 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane	109 %	50-200		04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 2:11:57PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW8

E404265-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	91.8 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	95.2 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	91.8 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	95.2 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane	110 %	50-200		04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/2/2024 2:11:57PM

## SW9

## E404265-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	90.8 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	96.8 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	90.8 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	96.8 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane	110 %	50-200		04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 2:11:57PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW10

E404265-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	89.2 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	97.6 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	89.2 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	97.6 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane	111 %	50-200		04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 2:11:57PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW11

E404265-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	89.7 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	97.2 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	89.7 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	97.2 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane	112 %	50-200		04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 2:11:57PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW12

E404265-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	87.7 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	96.8 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	87.7 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	96.8 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane	112 %	50-200		04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 2:11:57PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW13

E404265-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	90.0 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	98.0 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	90.0 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	98.0 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane	110 %	50-200		04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/2/2024 2:11:57PM

## SW14

## E404265-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	90.6 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	95.9 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	90.6 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	95.9 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/26/24	
Surrogate: n-Nonane	113 %	50-200		04/26/24	04/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/2/2024 2:11:57PM

## SW15

## E404265-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/29/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/29/24	
Toluene	ND	0.0250	1	04/26/24	04/29/24	
o-Xylene	ND	0.0250	1	04/26/24	04/29/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/29/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	90.7 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	97.5 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/29/24	
Surrogate: Bromofluorobenzene	90.7 %	70-130		04/26/24	04/29/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/29/24	
Surrogate: Toluene-d8	97.5 %	70-130		04/26/24	04/29/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane	113 %	50-200		04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 2:11:57PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW16

E404265-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene	89.7 %	70-130		04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		04/26/24	04/30/24	
Surrogate: Toluene-d8	97.6 %	70-130		04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene	89.7 %	70-130		04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		04/26/24	04/30/24	
Surrogate: Toluene-d8	97.6 %	70-130		04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane	106 %	50-200		04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	<b>Reported:</b> 5/2/2024 2:11:57PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW17

E404265-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene	88.8 %	70-130		04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		04/26/24	04/30/24	
Surrogate: Toluene-d8	98.0 %	70-130		04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene	88.8 %	70-130		04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		04/26/24	04/30/24	
Surrogate: Toluene-d8	98.0 %	70-130		04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane	115 %	50-200		04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



## Sample Data

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

Project Name: Regulus 26 Federal #004 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/2/2024 2:11:57PM

## SW18

## E404265-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene	90.7 %	70-130		04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/30/24	
Surrogate: Toluene-d8	97.9 %	70-130		04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene	90.7 %	70-130		04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/24	04/30/24	
Surrogate: Toluene-d8	97.9 %	70-130		04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane	106 %	50-200		04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 2:11:57PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW19

E404265-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene	90.4 %	70-130		04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/30/24	
Surrogate: Toluene-d8	96.4 %	70-130		04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene	90.4 %	70-130		04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/26/24	04/30/24	
Surrogate: Toluene-d8	96.4 %	70-130		04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane	109 %	50-200		04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported: 5/2/2024 2:11:57PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

BG1  
E404265-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Benzene	ND	0.0250	1	04/26/24	04/30/24	
Ethylbenzene	ND	0.0250	1	04/26/24	04/30/24	
Toluene	ND	0.0250	1	04/26/24	04/30/24	
o-Xylene	ND	0.0250	1	04/26/24	04/30/24	
p,m-Xylene	ND	0.0500	1	04/26/24	04/30/24	
Total Xylenes	ND	0.0250	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene	87.8 %	70-130		04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		04/26/24	04/30/24	
Surrogate: Toluene-d8	97.1 %	70-130		04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417077
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/24	04/30/24	
Surrogate: Bromofluorobenzene	87.8 %	70-130		04/26/24	04/30/24	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		04/26/24	04/30/24	
Surrogate: Toluene-d8	97.1 %	70-130		04/26/24	04/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/24	04/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/24	04/27/24	
Surrogate: n-Nonane	107 %	50-200		04/26/24	04/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417088
Chloride	ND	20.0	1	04/26/24	04/27/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 2:11:57PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2417077-BLK1) Prepared: 04/26/24 Analyzed: 04/29/24

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	0.454		0.500		90.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			

LCS (2417077-BS1) Prepared: 04/26/24 Analyzed: 04/29/24

Benzene	2.20	0.0250	2.50		88.1	70-130			
Ethylbenzene	2.27	0.0250	2.50		90.9	70-130			
Toluene	2.41	0.0250	2.50		96.3	70-130			
o-Xylene	2.29	0.0250	2.50		91.6	70-130			
p,m-Xylene	4.67	0.0500	5.00		93.5	70-130			
Total Xylenes	6.96	0.0250	7.50		92.8	70-130			
Surrogate: Bromofluorobenzene	0.462		0.500		92.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

Matrix Spike (2417077-MS1) Source: E404265-04 Prepared: 04/26/24 Analyzed: 04/29/24

Benzene	2.36	0.0250	2.50	ND	94.2	48-131			
Ethylbenzene	2.33	0.0250	2.50	ND	93.3	45-135			
Toluene	2.48	0.0250	2.50	ND	99.4	48-130			
o-Xylene	2.34	0.0250	2.50	ND	93.6	43-135			
p,m-Xylene	4.78	0.0500	5.00	ND	95.7	43-135			
Total Xylenes	7.12	0.0250	7.50	ND	95.0	43-135			
Surrogate: Bromofluorobenzene	0.468		0.500		93.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

Matrix Spike Dup (2417077-MSD1) Source: E404265-04 Prepared: 04/26/24 Analyzed: 04/29/24

Benzene	2.32	0.0250	2.50	ND	92.6	48-131	1.67	23	
Ethylbenzene	2.31	0.0250	2.50	ND	92.5	45-135	0.796	27	
Toluene	2.33	0.0250	2.50	ND	93.1	48-130	6.51	24	
o-Xylene	2.37	0.0250	2.50	ND	95.0	43-135	1.40	27	
p,m-Xylene	4.84	0.0500	5.00	ND	96.9	43-135	1.26	27	
Total Xylenes	7.22	0.0250	7.50	ND	96.2	43-135	1.30	27	
Surrogate: Bromofluorobenzene	0.472		0.500		94.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.465		0.500		92.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 2:11:57PM

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 (2417077-BLK1) Prepared: 04/26/24 Analyzed: 04/29/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.454		0.500		90.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			

LCS (2417077-BS2) Prepared: 04/26/24 Analyzed: 04/29/24

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	0.457		0.500		91.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

Matrix Spike (2417077-MS2) Source: E404265-04 Prepared: 04/26/24 Analyzed: 04/29/24

Gasoline Range Organics (C6-C10)	59.2	20.0	50.0	ND	118	70-130			
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

Matrix Spike Dup (2417077-MSD2) Source: E404265-04 Prepared: 04/26/24 Analyzed: 04/29/24

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130	8.70	20	
Surrogate: Bromofluorobenzene	0.469		0.500		93.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 2:11:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2417081-BLK1)					Prepared: 04/26/24 Analyzed: 04/26/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	50-200			

LCS (2417081-BS1)					Prepared: 04/26/24 Analyzed: 04/29/24				
Diesel Range Organics (C10-C28)	319	25.0	250		128	38-132			
Surrogate: n-Nonane	56.8		50.0		114	50-200			

Matrix Spike (2417081-MS1)					Source: E404265-04		Prepared: 04/26/24 Analyzed: 04/26/24		
Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			

Matrix Spike Dup (2417081-MSD1)					Source: E404265-04		Prepared: 04/26/24 Analyzed: 04/26/24		
Diesel Range Organics (C10-C28)	309	25.0	250	ND	124	38-132	0.437	20	
Surrogate: n-Nonane	54.2		50.0		108	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Regulus 26 Federal #004 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/2/2024 2:11:57PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2417088-BLK1)					Prepared: 04/26/24 Analyzed: 04/27/24				
Chloride	ND	20.0							
LCS (2417088-BS1)					Prepared: 04/26/24 Analyzed: 04/27/24				
Chloride	249	20.0	250		99.8	90-110			
Matrix Spike (2417088-MS1)					Source: E404265-01		Prepared: 04/26/24 Analyzed: 04/27/24		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2417088-MSD1)					Source: E404265-01		Prepared: 04/26/24 Analyzed: 04/27/24		
Chloride	252	20.0	250	ND	101	80-120	0.0218	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 Federal #004 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/02/24 14:11

- 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 9 of 10

<b>Client: Pima Environmental Services</b> <b>Project: REGULUS 26 Fertil #204 H</b> <b>Project Manager: Glo Gomez</b> <b>Address: 5614 N. Lovington Hwy.</b> <b>City, State, Zip: Hobbs, NM, 88240</b> <b>Phone: 806-782-1151</b> <b>Email: glo@pimaoil.com</b> <b>Report due by:</b>					<b>Bill To</b> <b>Attention: Devon</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project # 1-277</b>					<b>Lab Use Only</b> <b>Lab Work:</b> E 404265101058-0007 <b>Job Number:</b>					<b>TAT</b> <b>1D</b> <b>2D</b> <b>3D</b> <b>Standard</b>				<b>EPA Program</b> <b>CWA</b> <b>SDWA</b>	
										<b>Analysis and Method</b>					<b>RCRA</b>		<b>State</b>			
										<b>DRO/ORO by 8015</b> <b>GRO/DRO by 8015</b> <b>BTEX by 8021</b> <b>VOC by 8260</b> <b>Metals 6010</b> <b>Chloride 300.0</b> <b>BGDOC NM</b> <b>BGDOC TX</b>					<b>NM</b> <b>CO</b> <b>UT</b> <b>AZ</b> <b>TX</b>		<b>Remarks</b>			
<b>Time Sampled</b>	<b>Date Sampled</b>	<b>Matrix</b>	<b>No. of Containers</b>	<b>Sample ID</b>	<b>Lab Number</b>															
5:09	4/24	S		SW6	1															
5:12				SW7	2															
5:16				SW8	3															
5:19				SW9	4															
5:24				SW10	5															
5:28				SW11	6															
5:33				SW12	7															
5:38				SW13	8															
5:43				SW14	9															
5:45				SW15	10															

**Additional Instructions:** B#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.

**Sampled by:**

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Marine Adams	4/25/24	1:00	Michelle Gonzalez	4-25-24	1300
Michelle Gonzalez	4-25-24	1600	C. J. Hall	4-25-24	1800
C. J. Hall	4-25-24	2400	Kenneth L. Hall	4-26-24	0630

**Received on ice:** Y / N

**Lab Use Only**

**T1** **T2** **T3**

**AVG Temp °C** 4

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

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

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



## Envirotech Analytical Laboratory

Printed: 4/26/2024 10:42:25AM

## 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:	04/26/24 06:30	Work Order ID:	E404265
Phone:	(575) 631-6977	Date Logged In:	04/25/24 16:48	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	05/02/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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**District IV**  
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS  
  
Action 350154

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	350154
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1911933224
Incident Name	NAB1911933224 REGULUS 26 FEDERAL #004H @ 30-015-40041
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-40041] REGULUS 26 FEDERAL #004H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	REGULUS 26 FEDERAL #004H
Date Release Discovered	01/07/2019
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error   Valve   Produced Water   Released: 23 BBL   Recovered: 20 BBL   Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 350154

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	350154
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>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.</i>	

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

*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: 06/03/2024
--	--

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

QUESTIONS, Page 3

Action 350154

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 350154
	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 100 and 500 (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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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)	636
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	268
GRO+DRO (EPA SW-846 Method 8015M)	78
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	04/24/2024
On what date will (or did) the final sampling or liner inspection occur	04/24/2024
On what date will (or was) the remediation complete(d)	04/24/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

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

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

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QUESTIONS, Page 4

Action 350154

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	350154
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Remediation Plan (continued)**

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

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Analytical results were below OCD action levels based on depth to water.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 06/03/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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**District II**  
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Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 5  
  
Action 350154

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 350154
	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 350154

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	350154
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	350149
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/24/2024
What was the (estimated) number of samples that were to be gathered	16
What was the sampling surface area in square feet	4300

**Remediation Closure Request**

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

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

*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: 06/03/2024
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QUESTIONS, Page 7  
  
Action 350154

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	350154
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 350154

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	350154
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved. Based on OSE POD and USGS water well data in the vicinity of the release site, the variance to accept CP-01939 for Table I Closure Criteria is accepted. When delineation samples may be used for closure, a two business day sampling notice needs to be submitted to the OCD prior to collection.	6/11/2024
scwells	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	6/11/2024