



RECLAMATION REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC.

April 22, 2025
PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240



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

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

RE: Reclamation Report
LOCATION: Galapagos 14 CTB 2
FACILITY ID: fAPP2123647067
GPS (NAD83): 32.310878472, -103.7485736
INCIDENT LOCATION: D-14-T23S-R31E
COUNTY: Eddy
NMOCD REF. NO. nAPP2207536482

Pima Environmental Services LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Reclamation Report for a produced water release that occurred at the Galapagos 14 CTB 2 (Galapagos). This incident was assigned Incident ID nAPP2207536482 by the New Mexico Oil Conservation Division (NMOCD).

RELEASE INFORMATION

nAPP2207536482: March 15, 2022 – “Lease Operator arrived at location and noticed water spraying out of the discharge side of the water transfer pump. There was a 3" nipple leaking. The operator shut off the water transfer pump, isolated the pump to stop the leak. A vacuum truck was dispatched to recover fluids. Fluids did not leave lined containment. Fluids did not impact the pad. Fluids did not leave the location.”

SITE CHARACTERIZATION

The Galapagos is located approximately nineteen (19) miles east of Malaga, NM. This spill site is in Unit D, Section 14, Township 23S, Range 31E, Latitude 32.310878472 Longitude -103.7485736, Eddy County, NM. Figure 3 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Eolian and piedmont deposits. Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Berino complex, 0 to 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 Galapagos (Figure 5) with the nearest medium karst zone being 3.71 miles west. A Topographic Map can be referenced in Figure 4.

Based on the well water data from the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this vicinity measures greater than 105 feet below grade surface (bgs). The closest POD with information is C-04855-POD1 which was drilled in 2024 and is approximately 0.33 miles away from this release area. The United States Geological Survey well water data shows the nearest groundwater well to be USGS 321841103452601 23S.31E.15.222 H-12, which is situated approximately 0.54 miles away from the Galapagos. However, this well does not have data regarding depth to groundwater. For detailed Water Surveys and Water-Related Maps please refer to Appendix A.

According to the U.S. Fish and Wildlife Service National Wetlands Inventory, a Freshwater Pond lies approximately 2.2 miles to the northwest of the release area. According to a FEMA search for flood hazard information, the Galapagos is in Zone X – Area of Minimal Flood Hazard.

Closure criteria for reclamation activities at the Galapagos pad surface are classified under the less than 50-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. The regulatory limits are as follows: Chlorides should be less than 600 mg/kg, TPH (GRO+DRO+MRO) should be less than 100 mg/kg, BTEX should be less than 50 mg/kg, and



Benzene should be less than 10 mg/kg.

A desktop review of the Galapagos was performed and found to not be in range of any Special Status Plant Species. However, this site does lie within a Potential Habitat (Planning Area Only) of the Lesser Prairie Chicken Habitat – Isolated Population Area. A Special Status Plant/Wildlife Map can be referenced in Figure 6.

COUNTERMEASURES DUE TO REMEDIATION CLOSURE REPORT DENIED

On August 14, 2023, the NMOCD denied the remediation closure report citing:

“The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for incident ID (n#) nAPP2207536482, for the following reasons:

- **The Closure Report is denied. Delineation sampling will need to be conducted in the location of the tear that was observed in the liner. Also, delineation samples will also need to be conducted around the outside of the lined containment.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 203592. Please review and make the required correction(s) prior to resubmitting. If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.”

On November 17, 2023, Pima personnel arrived on site to complete the delineation sampling event. Discreet samples were collected from the area in the liner where a tear was found, and around the outside of the metal wall containment. A total of 11 sample points were collected from depth intervals of 0 to 4 feet below grade surface (bgs). A background sample was also collected from just off the pad site to the south. A total of 46 samples were put on ice, jarred, and delivered to Envirotech Laboratories for official testing. All samples were tested for all constituents. A sampling notification was not submitted for this sampling event, due to it was not required for delineation samples at the time these were collected. The results of the lab testing for this sampling event can be found in Figure 1. A corresponding Delineation Map can be found in Figure 2.

A complete laboratory report can be found in Appendix E. Photographic Documentation can be found in Appendix D.

Remediation Closure Report Approved by the NMOCD on June 10, 2024.

RECLAMATION ACTIVITIES

The release and reclamation extent were in the secondary containment and on the pad surface which did not require remediation according to the lab sample results. These results also verified that the top 4 feet of soil in this area includes non-waste containing, earthen material with contaminant levels that are below the regulatory limits of 19.15.29.13 NMAC. Therefore, once this pad surface is no longer needed for production or subsequent drilling operations, the following proposed revegetation plan is submitted for review.

Devon respectfully requests approval of this reclamation closure report for the release area associated with this incident.

PROPOSED VEGETATION PLAN

A certified weed-free seed mix designed by the BLM to meet reclamation standards will be used. Based on the soil complex (Berino complex, 0 to 3 percent slopes, eroded) within and surrounding the site, The BLM Seed Mixture #2 for sandy sites will be used for seeding and will be seeded according to the following:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed



container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

Species	lb/acre
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sand love grass (<i>Eragrostis trichodes</i>)	1.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

The seed mix will be purchased from a New Mexico Department of Agriculture (NMDA) licensed dealer. Revegetation efforts will be completed in the first favorable growing season after all site reclamation activities have been completed.

RECLAMATION/VEGETATION MONITORING

Devon personnel will monitor vegetative growth to ensure the reclamation activities performed were sufficient. Monitoring will include inspections conducted at least semi-annually until revegetation is considered complete. The inspections will include monitoring and treating the reclamation for unauthorized traffic, erosion, and invasive or noxious weeds. When it has been determined that vegetation has been established that reflects pre-disturbance vegetation cover with a total percent plant cover of greater than 70% of pre-disturbance area levels, excluding invasive or noxious weeds, a final revegetation report will be submitted for review/approval.

Should you have any questions or need additional information, please feel free to contact:

Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dyn.com.

Pima Environmental – Tom Bynum at 575-964-7740 or tom@pimaoil.com.

ATTACHMENTS

FIGURES:

- 1- Data Table
- 2- Delineation Map
- 3- Location Map
- 4- Topographic Map
- 5- Karst Map
- 6- Special Status Plant/Wildlife Map



APPENDICES:

Appendix A – Water Surveys & Water-Related Maps

Appendix B – Soil Survey & Geological Data

Appendix C – NMOCD Correspondence

Appendix D – Photographic Documentation

Appendix E – Laboratory Report



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575-964-7740 | www.pimaoil.com

Galapagos 14 CTB 2 | nAPP2207536482

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FIGURES

- 1- Data Table
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- 5- Karst Map
- 6- Special Status Plant/Wildlife Map



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DEVON ENERGY PRODUCTION, LP.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - GALAPOGOS 14 CTB 2 - nAPP2207536482								
Date: 11/17/2023 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	CI mg/kg
S1 (0-6")	0-6"	ND	ND	ND	ND	ND	0	ND
S1-1'	1'	ND	ND	ND	ND	ND	0	ND
S1-2'	2'	ND	ND	ND	ND	ND	0	ND
S1-3'	3'	ND	ND	ND	ND	ND	0	ND
S1-4'	4'	ND	ND	ND	ND	ND	0	ND
S2-1'	1'	ND	ND	ND	ND	ND	0	ND
S2-2'	2'	ND	ND	ND	ND	ND	0	ND
S2-3'	3'	ND	ND	ND	ND	ND	0	ND
S2-4'	4'	ND	ND	ND	ND	ND	0	ND
S3-1'	1'	ND	ND	ND	ND	ND	0	ND
S3-2'	2'	ND	ND	ND	ND	ND	0	ND
S3-3'	3'	ND	ND	ND	ND	ND	0	ND
S3-4'	4'	ND	ND	ND	ND	ND	0	ND
S4-1'	1'	ND	ND	ND	ND	ND	0	ND
S4-2'	2'	ND	ND	ND	ND	ND	0	ND
S4-3'	3'	ND	ND	ND	ND	ND	0	ND
S4-4'	4'	ND	ND	ND	ND	ND	0	ND
S5-1'	1'	ND	ND	ND	ND	ND	0	ND
S5-2'	2'	ND	ND	ND	ND	ND	0	ND
S5-3'	3'	ND	ND	ND	ND	ND	0	ND
S5-4'	4'	ND	ND	ND	ND	ND	0	ND
S6-1'	1'	ND	ND	ND	ND	ND	0	ND
S6-2'	2'	ND	ND	ND	ND	ND	0	ND
S6-3'	3'	ND	ND	ND	ND	ND	0	ND
S6-4'	4'	ND	ND	ND	ND	ND	0	ND
S7-1'	1'	ND	ND	ND	ND	ND	0	ND
S7-2'	2'	ND	ND	ND	ND	ND	0	ND
S7-3'	3'	ND	ND	ND	ND	ND	0	ND
S7-4'	4'	ND	ND	ND	ND	ND	0	ND
S8-1'	1'	ND	ND	ND	ND	ND	0	ND
S8-2'	2'	ND	ND	ND	ND	ND	0	ND
S8-3'	3'	ND	ND	ND	ND	ND	0	ND
S8-4'	4'	ND	ND	ND	ND	ND	0	ND
S9-1'	1'	ND	ND	ND	ND	ND	0	ND
S9-2'	2'	ND	ND	ND	ND	ND	0	ND
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S10-1'	1'	ND	ND	ND	ND	ND	0	ND
S10-2'	2'	ND	ND	ND	ND	ND	0	ND
S10-3'	3'	ND	ND	ND	ND	ND	0	ND
S10-4'	4'	ND	ND	ND	ND	ND	0	ND
S11-1'	1'	ND	ND	ND	ND	ND	0	ND
S11-2'	2'	ND	ND	ND	ND	ND	0	ND
S11-3'	3'	ND	ND	ND	ND	ND	0	ND
S11-4'	4'	ND	ND	ND	ND	ND	0	ND
BG 1	1'	ND	ND	ND	ND	ND	0	ND

Galapagos 14 CTB 2

Devon Energy
Facility ID fAPP2123647067
Eddy County, NM
nAPP2207536482
Delineation Map

Legend

- Background sample
- Delineation samples
- ↓ Rip in Liner
- Secondary Containment - 7,169 sqft

32.308684, -103.748387



Galapagos 14 CTB 2

Rip in Liner

S1

CS3

CS2

CS4

CS5

CS6

CS7

CS8

CS9

CS10

CS11

BG1




100 ft

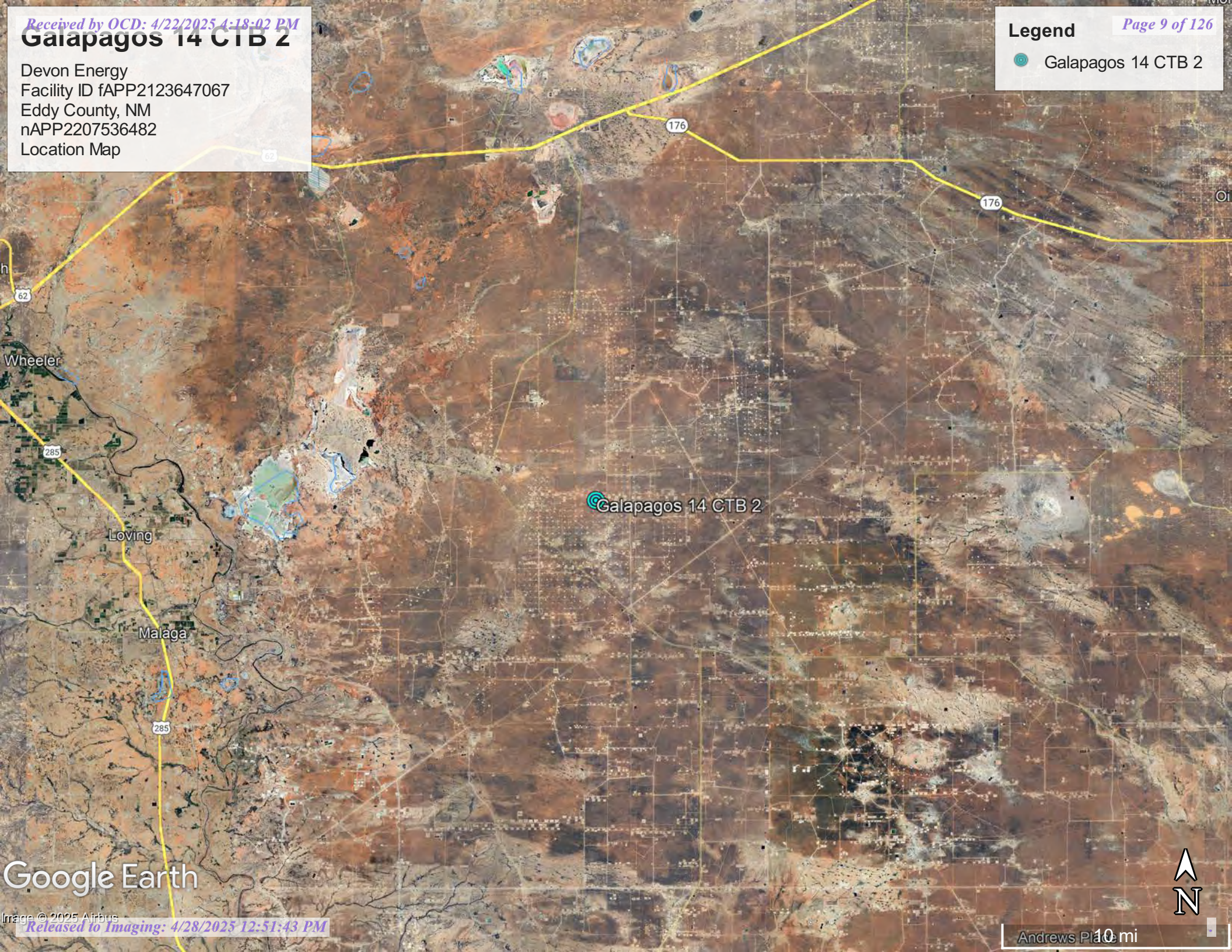
Google Earth

Galapagos 14 CTB 2

Devon Energy
Facility ID fAPP2123647067
Eddy County, NM
nAPP2207536482
Location Map

Legend

 Galapagos 14 CTB 2



Google Earth

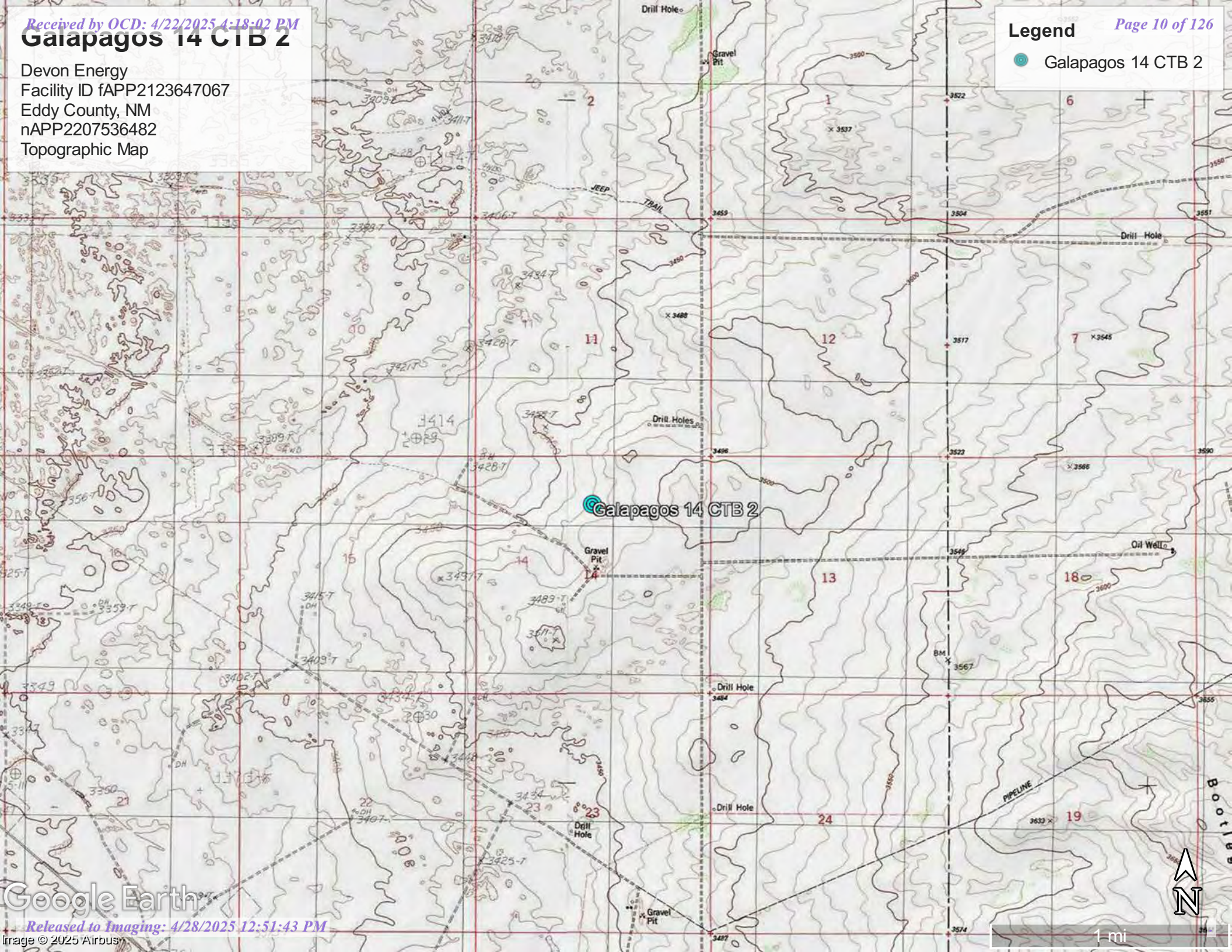


Galapagos 14 CTB 2

Devon Energy
Facility ID fAPP2123647067
Eddy County, NM
nAPP2207536482
Topographic Map

Legend

 Galapagos 14 CTB 2




Galapagos 14 CTB 2

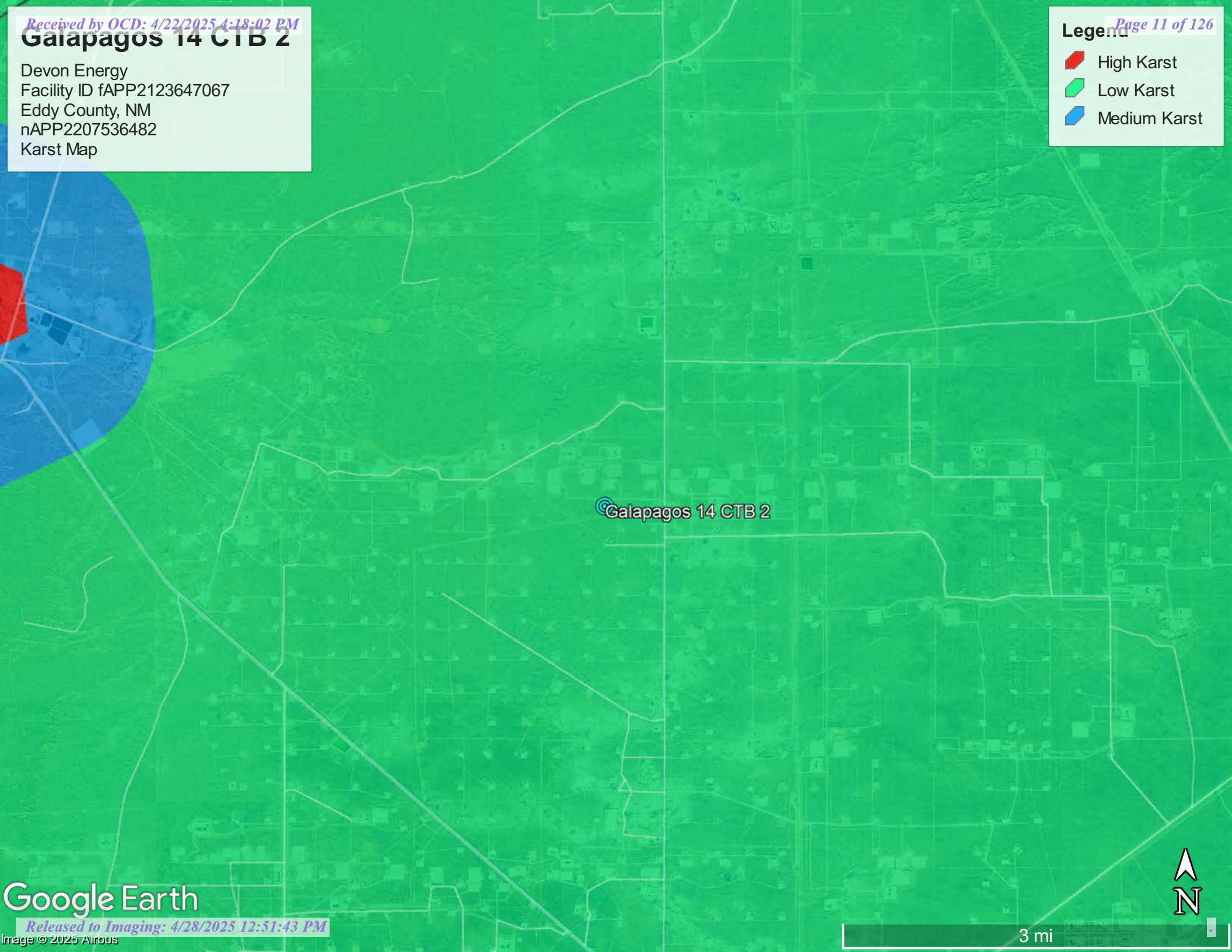
Devon Energy
Facility ID fAPP2123647067
Eddy County, NM
nAPP2207536482
Karst Map

Legend

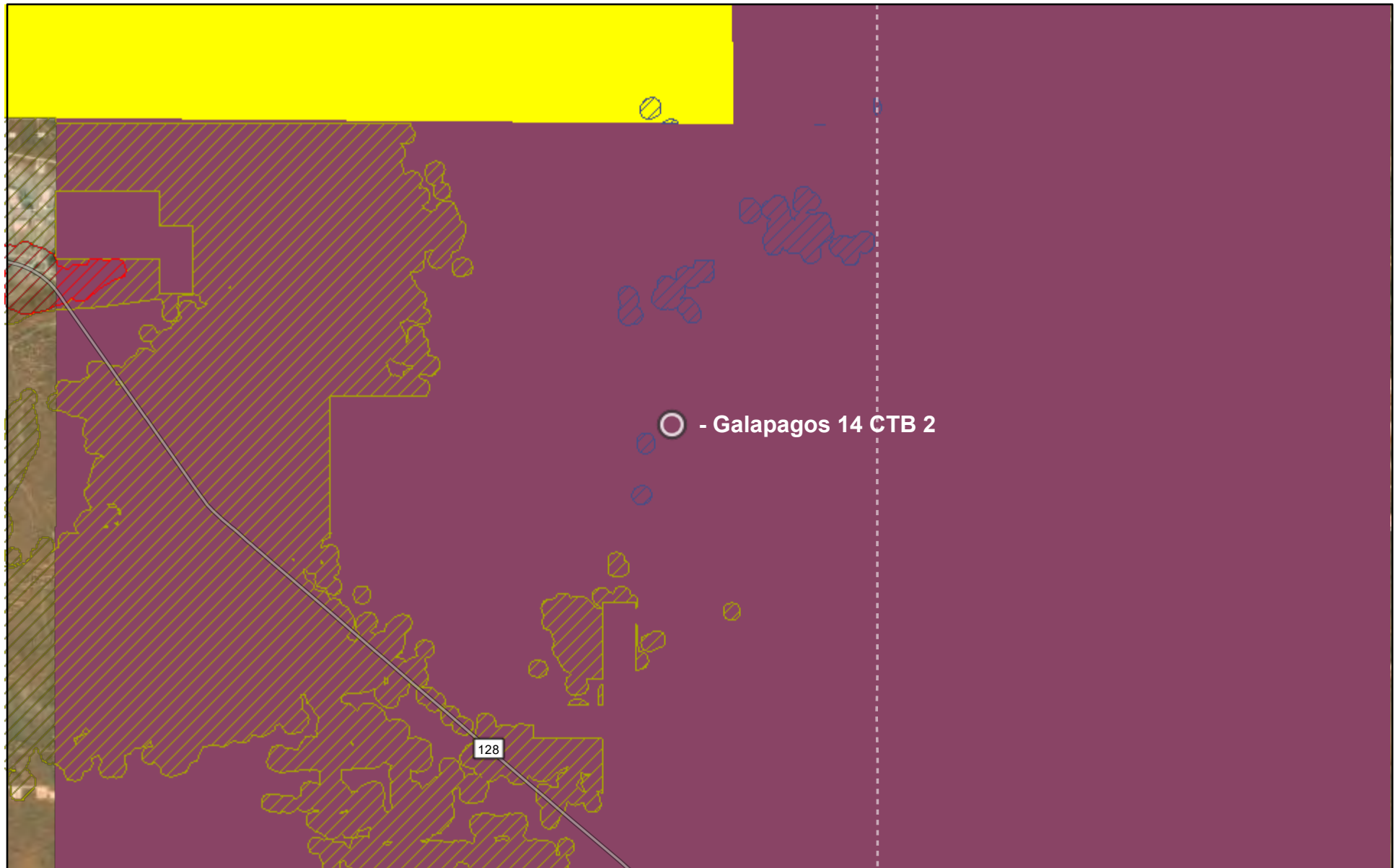
 High Karst

 Low Karst

 Medium Karst



Special Status Plant/Wildlife Map



4/22/2025

Potential Habitat (Planning Area Only)

Scheer's beehive cactus

Tharp's blue-star

Wright's waterwillow

Lesser Prairie Chicken Habitat

Habitat Evaluation Area

Isolated Population Area

World Imagery

Low Resolution 15m Imagery

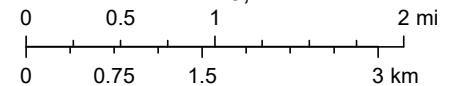
High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

19m Resolution Metadata

1:76,174



Earthstar Geographics, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community,

APPENDIX A

Water Surveys

Water-Related Maps



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Galapagos 14 CTB 2 | nAPP2207536482

DEVON ENERGY PRODUCTION, LP.



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 smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)	(In feet)		
													Distance	Well Depth	Depth Water	Water Column
C 04855 POD1		CUB	ED	NE	SW	SW	11	23S	31E	617417.6	3575936.7		527	105		
C 02777		CUB	ED	SE	SE	SE	10	23S	31E	616973.8	3575662.1		838	890		
C 03749 POD1		CUB	ED		NE	NE	15	23S	31E	616973.8	3575662.1		838	865	639	226
C 04712 POD4		CUB	ED	NW	SE	SW	14	23S	31E	617535.4	3574316.2		1295	55		
C 04774 POD1		CUB	ED	SE	NE	NE	23	23S	31E	618456.0	3573856.4		1843	105		
C 04704 POD1		CUB	ED	SW	NE	NE	13	23S	31E	619854.4	3575363.5		2057			
C 04709 POD1		CUB	ED	SW	NW	NW	15	23S	31E	615508.8	3575262.4		2321			
C 04712 POD3		CUB	ED	SE	NW	NE	24	23S	31E	619650.7	3573877.9		2509	55		

Average Depth to Water: 639 feet

Minimum Depth: 639 feet

Maximum Depth: 639 feet

Record Count: 8

Basin/County Search:

County: ED

UTM Filters (in meters):

Easting: 617808.26

Northing: 3575582.23

Radius: 03000

* 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.

Point of Diversion Summary

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

quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 04855 POD1	NE	SW	SW	11	23S	31E	617417.6	3575936.7	

* UTM location was derived from PLSS - see Help

Driller License:

1862

Driller Company:

H&R ENTERPRISES, LLC

Driller Name:

HAWLEY, JAMES CODYELALL OFF

Drill Start Date:

2024-08-08

Drill Finish Date:

2024-08-08

Plug Date:

2024-08-14

Log File Date:

2024-08-19

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

105




Depth Water:

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

Galapagos 14 CTB 2

Devon Energy
Facility ID fAPP2123647067
Eddy County, NM
nAPP2207536482
NMOSE Pod Map

Legend

-  0.44 Miles
-  C 04855 POD1
-  Galapagos 14 CTB 2

C 04855 POD1

Galapagos 14 CTB 2

Google Earth

1000 ft





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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Site Information ▼

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.

USGS 321841103452601 23S.31E.15.222 H-12

Available data for this site

SUMMARY OF ALL AVAILABLE DATA ▼

GO

Well Site

DESCRIPTION:

Latitude 32°18'41.18", Longitude 103°45'26.06" NAD83

Eddy County, New Mexico , Hydrologic Unit 13060011

Well depth: not determined.

Land surface altitude: 3,428 feet above NAVD88.

Well completed in "Other aquifers" (N9999OTHER) national aquifer.

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Revisions	Unavailable (site:0) (timeseries:0)		

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center

Email questions about this site to [New Mexico Water Science Center Water-Data Inquiries](#)

[Questions or Comments](#)

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Title: NWIS Site Information for USA: Site Inventory

URL: [https://waterdata.usgs.gov/nwis/inventory/?](https://waterdata.usgs.gov/nwis/inventory/?site_no=321841103452601&agency_cd=USGS)

site_no=321841103452601&agency_cd=USGS



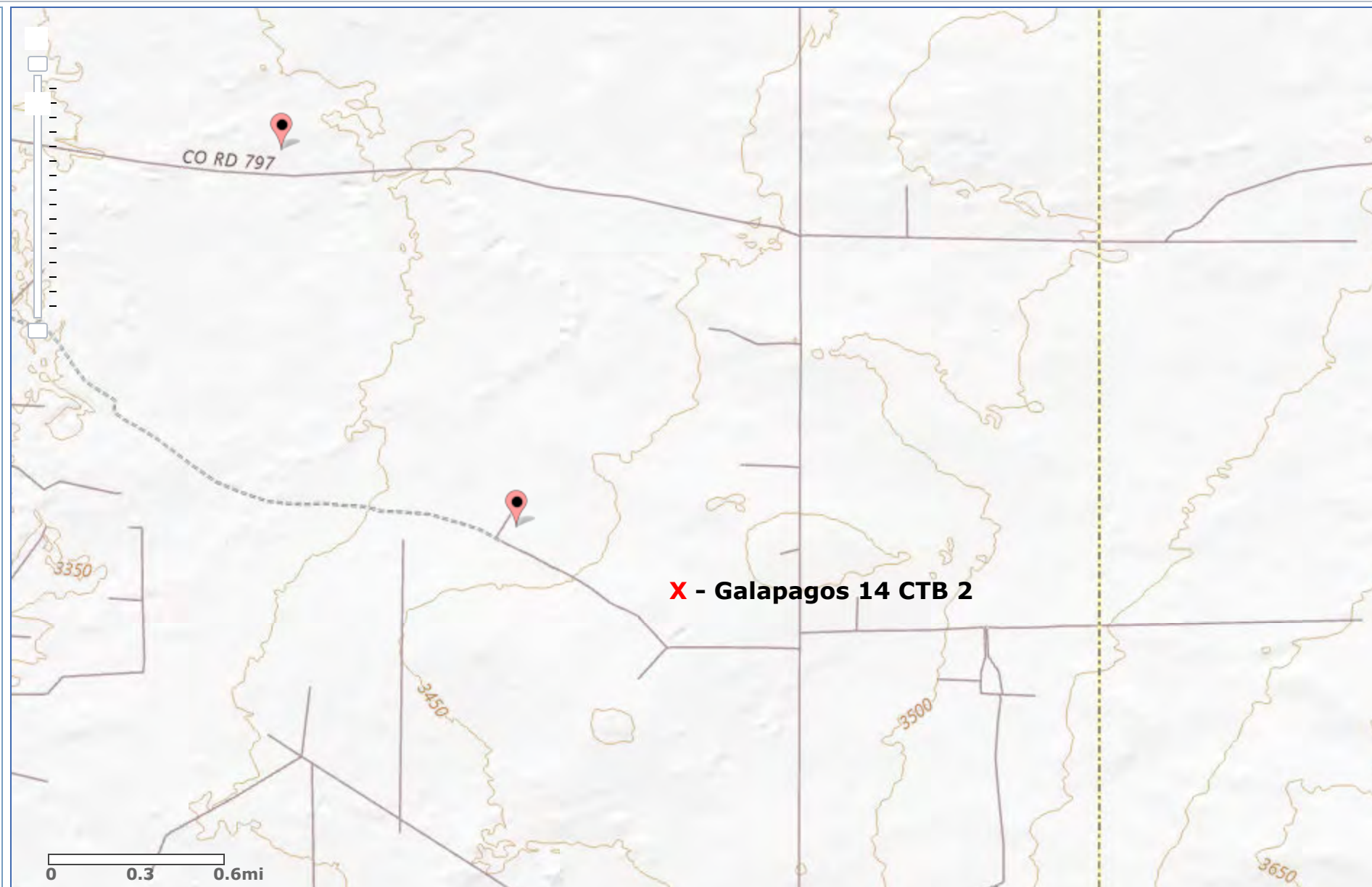
Page Contact Information: [New Mexico Water Data Support Team](#)

Page Last Modified: 2025-04-22 10:06:16 EDT

0.21 0.21 caww01





National Water Information System: Mapper

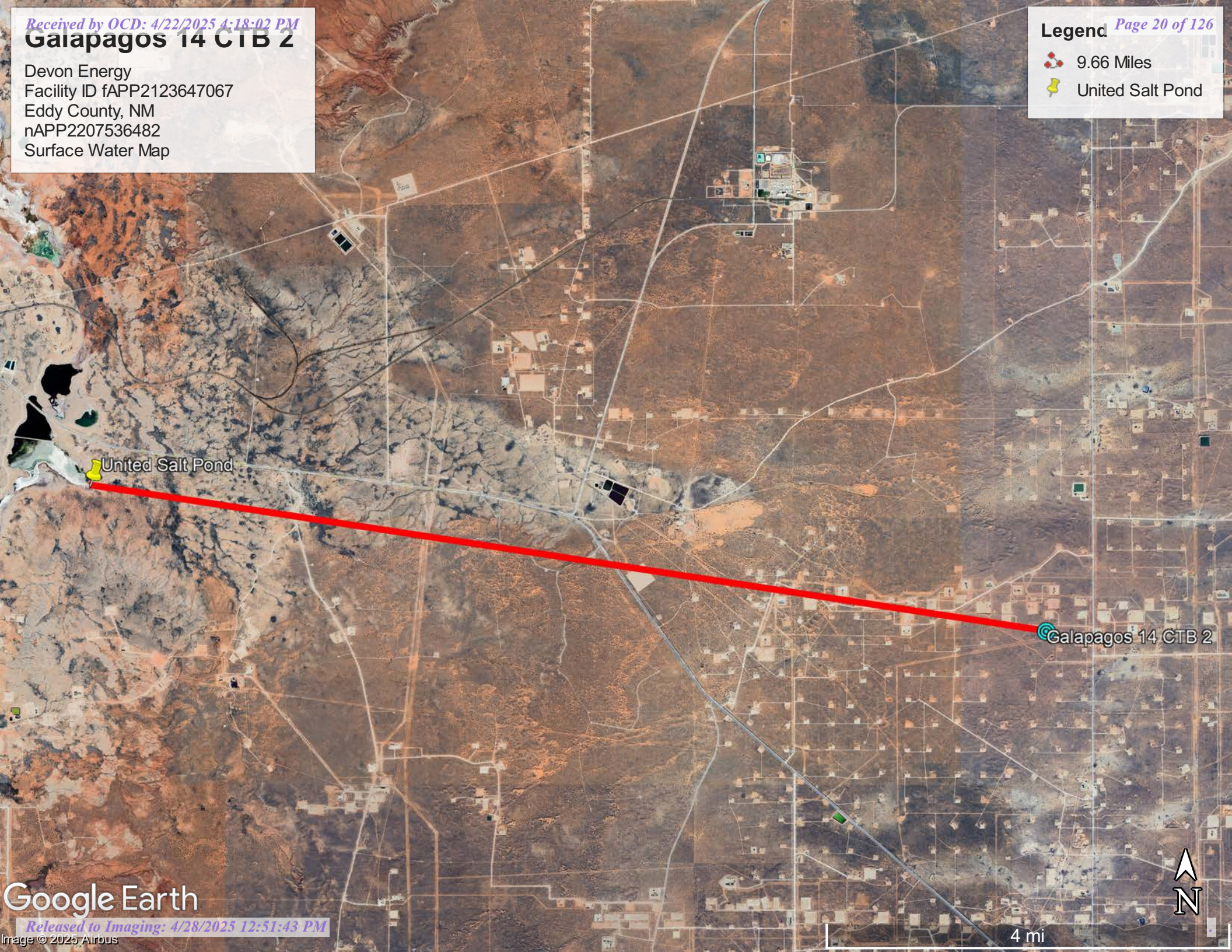


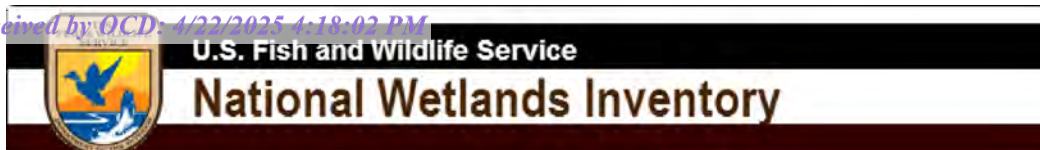
Galapagos 14 CTB 2

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Facility ID fAPP2123647067
Eddy County, NM
nAPP2207536482
Surface Water Map

Legend *Page 20 of 126*

-  9.66 Miles
-  United Salt Pond





Wetlands Map



April 22, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMMette



103°45'11"W 32°18'48"N



1:6,000

103°44'34"W 32°18'18"N

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		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 4/22/2025 at 2:11 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

APPENDIX B

Soil Survey

Soil Map

Geologic Unit Map



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Galapagos 14 CTB 2 | nAPP2207536482

DEVON ENERGY PRODUCTION, LP.

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

Eddy Area, New Mexico

BB—Berino complex, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w43

Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 5 to 15 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 60 percent

Pajarito and similar soils: 25 percent

Minor components: 15 percent

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

Description of Berino

Setting

Landform: Plains, fan piedmonts

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand

H2 - 17 to 58 inches: sandy clay loam

H3 - 58 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

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

Description of Pajarito

Setting

Landform: Dunes, plains, interdunes
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: loamy fine sand
H2 - 9 to 72 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: 40 percent
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Pajarito

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Wink

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Cacique

Percent of map unit: 4 percent

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Kermit

Percent of map unit: 3 percent

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

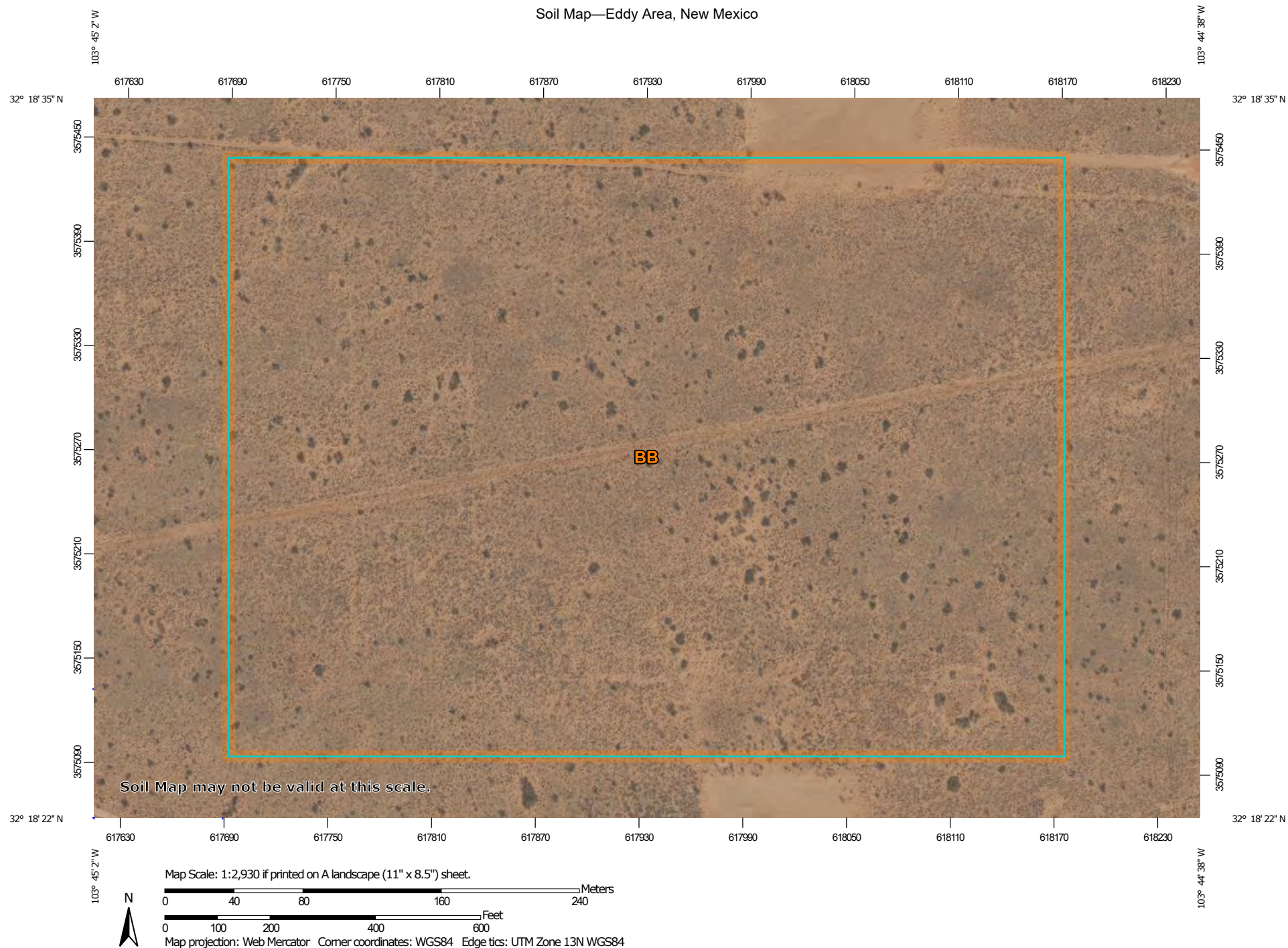
Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024



Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

4/22/2025
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 20, Sep 3, 2024

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

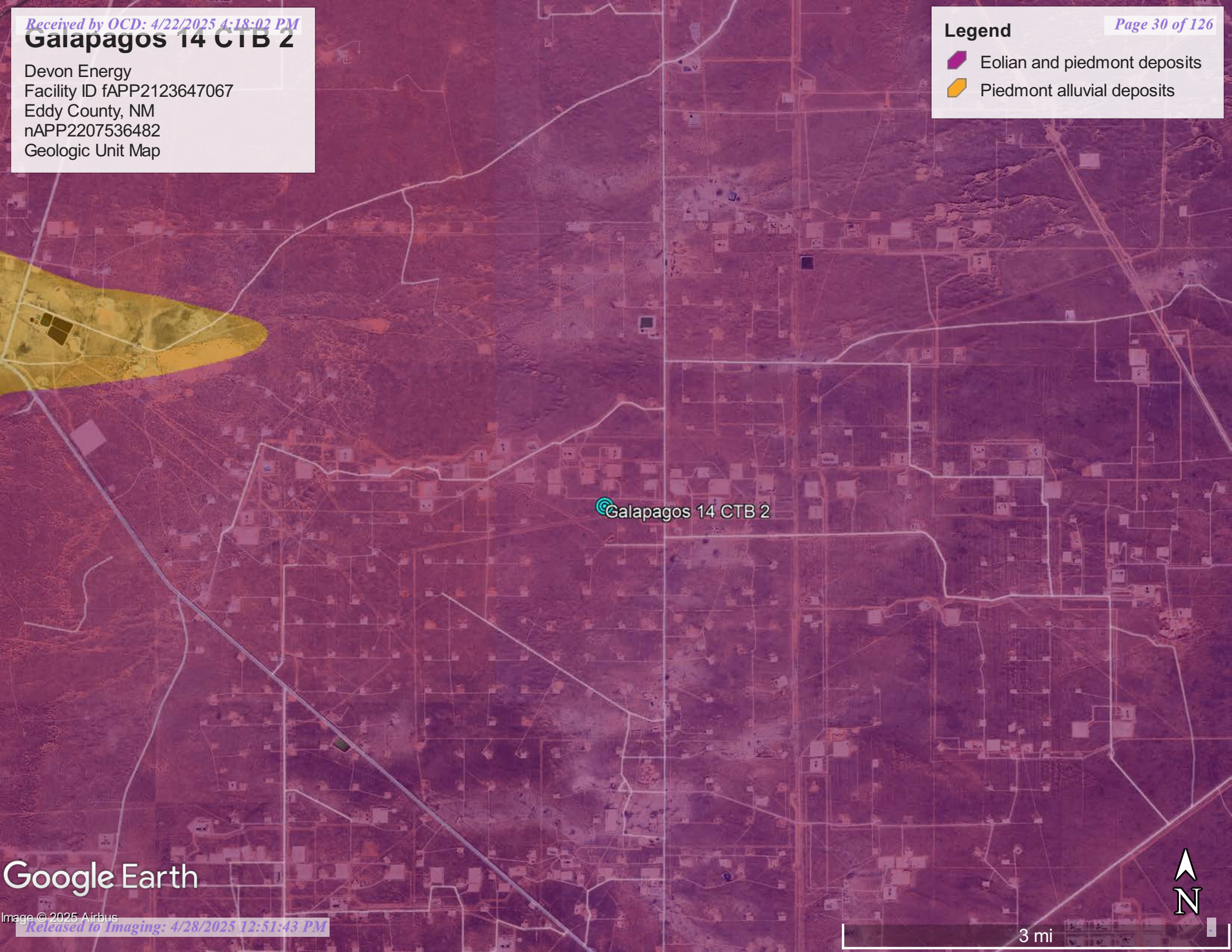
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	41.3	100.0%
Totals for Area of Interest		41.3	100.0%

Galapagos 14 CTB 2

Devon Energy
Facility ID fAPP2123647067
Eddy County, NM
nAPP2207536482
Geologic Unit Map

Legend

-  Eolian and piedmont deposits
-  Piedmont alluvial deposits



Galapagos 14 CTB 2

Google Earth

APPENDIX C

NMOCD Correspondence



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Galapagos 14 CTB 2 | nAPP2207536482

DEVON ENERGY PRODUCTION, LP.

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[C-141] Release Corrective Action (C-141) Application

Submission Information

Submission ID:	203592	Districts:	Artesia
Operator:	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	Counties:	Eddy
Description:	DEVON ENERGY PRODUCTION COMPANY, LP [6137] , GALAPAGOS 14 CTB 2 , nAPP2207536482		
Status:	REJECTED		
Status Date:	08/14/2023		
References (1):	nAPP2207536482		

Forms

Attachments:	C-141
	C-141
	Scaled Site Map

Questions

This submission type does not have questions, at this time.

Comments

No comments found for this submission.

Conditions

No conditions found for this submission.

Reasons

Summary: *rhamlet* (8/14/2023), The Closure Report is denied. Delineation sampling will need to be conducted in the location of the tear that was observed in the liner. Also, delineation samples will also need to be conducted around the outside of the lined containment.

Go Back

APPENDIX D

Photographic Documentation



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Galapagos 14 CTB 2 | nAPP2207536482

DEVON ENERGY PRODUCTION, LP.



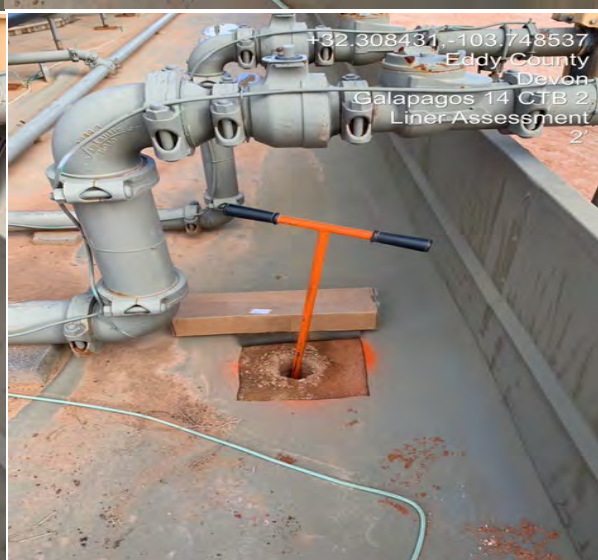
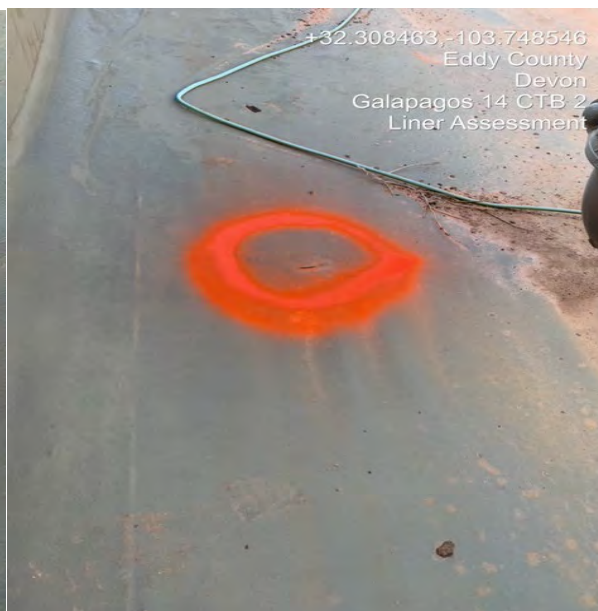
SITE PHOTOGRAPHS

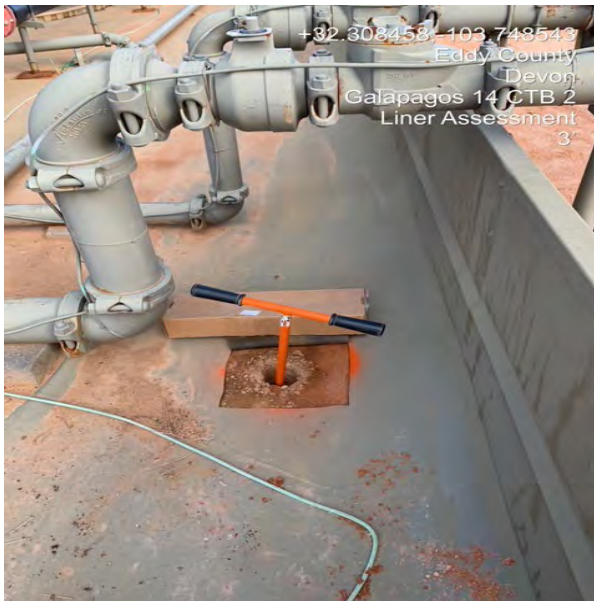
DEVON ENERGY

Galapagos 14 CTB 2











APPENDIX E

Laboratory Report



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Galapagos 14 CTB 2 | nAPP2207536482

DEVON ENERGY PRODUCTION, LP.

Report to:
Tom Bynum



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: Galapagos 14 CTB 2

Work Order: E311193

Job Number: 01058-0007

Received: 11/22/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/30/23

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: 11/30/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Galapagos 14 CTB 2
Workorder: E311193
Date Received: 11/22/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/22/2023 7:30:00AM, under the Project Name: Galapagos 14 CTB 2.

The analytical test results summarized in this report with the Project Name: Galapagos 14 CTB 2 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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Laboratory Director
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/23 14:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 (0-6")	E311193-01A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S1-1'	E311193-02A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S1-2'	E311193-03A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S1-3'	E311193-04A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S1-4'	E311193-05A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S2-1'	E311193-06A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S2-2'	E311193-07A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S2-3'	E311193-08A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S2-4'	E311193-09A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S3-1'	E311193-10A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S3-2'	E311193-11A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S3-3'	E311193-12A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S3-4'	E311193-13A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S4-1'	E311193-14A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S4-2'	E311193-15A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S4-3'	E311193-16A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S4-4'	E311193-17A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S5-1'	E311193-18A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S5-2'	E311193-19A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S5-3'	E311193-20A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 11/30/2023 2:31:01PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S1 (0-6")

E311193-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348006	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>	94.4 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348026	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S1-1'

E311193-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	94.2 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S1-2'

E311193-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	90.2 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S1-3'

E311193-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	90.5 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S1-4'

E311193-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348006	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>	93.7 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348026	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S2-1'

E311193-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	97.2 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S2-2'

E311193-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.1 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348006	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>	95.7 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348026	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S2-3'

E311193-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	99.3 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S2-4'

E311193-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	93.9 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S3-1'

E311193-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S3-2'

E311193-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	91.3 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S3-3'

E311193-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	92.1 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S3-4'

E311193-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	94.6 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S4-1'

E311193-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348006	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>	91.2 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348026	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S4-2'

E311193-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	93.8 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S4-3'

E311193-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348006	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
<i>Surrogate: n-Nonane</i>	93.5 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348026	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S4-4'

E311193-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	92.3 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S5-1'

E311193-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	90.0 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S5-2'

E311193-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	89.8 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S5-3'

E311193-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	98.5 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/2023 2:31:01PM

Volatile Organics by EPA 8021B

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 (2347087-BLK1)

Prepared: 11/22/23 Analyzed: 11/29/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			

LCS (2347087-BS1)

Prepared: 11/22/23 Analyzed: 11/29/23

Benzene	5.57	0.0250	5.00		111	70-130			
Ethylbenzene	5.50	0.0250	5.00		110	70-130			
Toluene	5.55	0.0250	5.00		111	70-130			
o-Xylene	5.49	0.0250	5.00		110	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.7	0.0250	15.0		111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			

Matrix Spike (2347087-MS1)

Source: E311193-06

Prepared: 11/22/23 Analyzed: 11/29/23

Benzene	5.15	0.0250	5.00	ND	103	54-133			
Ethylbenzene	5.07	0.0250	5.00	ND	101	61-133			
Toluene	5.12	0.0250	5.00	ND	102	61-130			
o-Xylene	5.06	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.0	70-130			

Matrix Spike Dup (2347087-MSD1)

Source: E311193-06

Prepared: 11/22/23 Analyzed: 11/29/23

Benzene	5.09	0.0250	5.00	ND	102	54-133	1.14	20	
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133	0.787	20	
Toluene	5.08	0.0250	5.00	ND	102	61-130	0.835	20	
o-Xylene	5.02	0.0250	5.00	ND	100	63-131	0.736	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	0.751	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	0.746	20	
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 11/30/2023 2:31:01PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2347087-BLK1) Prepared: 11/22/23 Analyzed: 11/29/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

LCS (2347087-BS2) Prepared: 11/22/23 Analyzed: 11/29/23

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

Matrix Spike (2347087-MS2) Source: E311193-06 Prepared: 11/22/23 Analyzed: 11/29/23

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

Matrix Spike Dup (2347087-MSD2) Source: E311193-06 Prepared: 11/22/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130	7.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 11/30/2023 2:31:01PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2348006-BLK1)					Prepared: 11/27/23 Analyzed: 11/29/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.8	50-200			

LCS (2348006-BS1)					Prepared: 11/27/23 Analyzed: 11/29/23				
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	49.1		50.0		98.2	50-200			

Matrix Spike (2348006-MS1)					Source: E311193-10		Prepared: 11/27/23 Analyzed: 11/29/23		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	38-132			
Surrogate: n-Nonane	47.9		50.0		95.9	50-200			

Matrix Spike Dup (2348006-MSD1)					Source: E311193-10		Prepared: 11/27/23 Analyzed: 11/29/23		
Diesel Range Organics (C10-C28)	259	25.0	250	ND	103	38-132	4.67	20	
Surrogate: n-Nonane	50.9		50.0		102	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/2023 2:31:01PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2348026-BLK1)					Prepared: 11/27/23 Analyzed: 11/28/23				
Chloride	ND	20.0							
LCS (2348026-BS1)					Prepared: 11/27/23 Analyzed: 11/30/23				
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2348026-MS1)					Source: E311193-04		Prepared: 11/27/23 Analyzed: 11/30/23		
Chloride	248	20.0	250	ND	99.2	80-120			
Matrix Spike Dup (2348026-MSD1)					Source: E311193-04		Prepared: 11/27/23 Analyzed: 11/28/23		
Chloride	250	20.0	250	ND	100	80-120	0.886	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:	Galapagos 14 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/23 14:31

- 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 1 of 5

Client: Pima Environmental Services				Bill To				Lab Use Only				TAT				EPA Program			
Project: <u>Galapagos 14 CTR 2</u>				Attention: <u>Devon</u>				Lab WO# <u>E311193</u>				Job Number <u>01058-0007</u>				1D 2D 3D Standard			
Project Manager: <u>Tom Bynum</u>				Address:												CWA SDWA			
Address: <u>5614 N. Lovington Hwy.</u>				City, State, Zip												RCRA			
City, State, Zip <u>Hobbs, NM, 88240</u>				Phone:												State			
Phone: <u>580-748-1613</u>				Email:												NM CO UT AZ TX			
Email: <u>tom@pimaoil.com</u>				Pima Project # <u>R352-1</u>												Remarks			
Report due by:																			

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				
8:02	11/17	S		S1 (0-6")	1							X					
8:11				S1-1'	2												
8:17				S1-2'	3												
8:19				S1-3'	4												
8:21				S1-4'	5												
8:25				S2-1'	6												
8:31				S2-2'	7												
8:35				S2-3'	8												
8:39				S2-4'	9												
8:43				S3-1'	10												

Additional Instructions: B# 21211670

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
<u>Karime Adame</u>	<u>11/21</u>	<u>1510</u>	<u>[Signature]</u>	<u>11-21-23</u>	<u>1510</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>[Signature]</u>	<u>11-21-23</u>	<u>1740</u>	<u>[Signature]</u>	<u>11/22/23</u>	<u>7:30</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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.

Received on ice: Y **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.

Project Information

Chain of Custody

Client: Pima Environmental Services Project: <u>Gala pagos 14 CTB 2</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>8352-1</u>					Lab Use Only Lab WO# <u>E 311193</u> Job Number <u>01058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>				EPA Program CWA SDWA RCRA	
															State NM CO UT AZ TX <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	NM	BGDOC	TX	Remarks				
8:51	11/17	S		S3-2'	11								X							
8:53				S3-3'	12															
8:59				S3-4'	13															
9:04				S4-1'	14															
9:10				S4-2'	15															
9:17				S4-3'	16															
9:23				S4-4'	17															
9:31				S5-1'	18															
9:32				S5-2'	19															
9:35				S5-3'	20															
Additional Instructions: <u>B# 21211670</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 5 °C on subsequent days.								
Relinquished by: (Signature) <u>Karime Adame</u>		Date <u>11/21</u>	Time <u>1510</u>	Received by: (Signature) <u>[Signature]</u>		Date <u>11-21-23</u>	Time <u>1510</u>	Relinquished by: (Signature) <u>[Signature]</u>		Date <u>11-21-23</u>	Time <u>1740</u>	Received by: (Signature) <u>[Signature]</u>		Date <u>11/22/23</u>	Time <u>7:30</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N				
Relinquished by: (Signature) <u>[Signature]</u>		Date <u>11-21-23</u>	Time <u>1740</u>	Relinquished by: (Signature) <u>[Signature]</u>		Date <u>11/22/23</u>	Time <u>7:30</u>	Relinquished by: (Signature) <u>[Signature]</u>		Date <u>11/22/23</u>	Time <u>7:30</u>	Relinquished by: (Signature) <u>[Signature]</u>		Date <u>11/22/23</u>	Time <u>7:30</u>	T1 T2 T3				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



Envirotech Analytical Laboratory

Printed: 11/22/2023 8:40:27AM

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:	11/21/23 00:00	Work Order ID:	E311193
Phone:	(575) 631-6977	Date Logged In:	11/21/23 16:20	Logged In By:	Jordan Montano
Email:	tom@pimaoil.com	Due Date:	11/29/23 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/Resolution

COC split into two work order due to the volume of samples.

E311193-E311194.

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?	No
Collectors name?	No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



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: Galapagos 14 CTB 2

Work Order: E311194

Job Number: 01058-0007

Received: 11/22/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/4/23

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: 12/4/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Galapagos 14 CTB 2
Workorder: E311194
Date Received: 11/22/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/22/2023 7:30:00AM, under the Project Name: Galapagos 14 CTB 2.

The analytical test results summarized in this report with the Project Name: Galapagos 14 CTB 2 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:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/04/23 16:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5-4'	E311194-01A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S6-1'	E311194-02A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S6-2'	E311194-03A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S6-3'	E311194-04A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S6-4'	E311194-05A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S7-1'	E311194-06A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S7-2'	E311194-07A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S7-3'	E311194-08A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S7-4'	E311194-09A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S8-1'	E311194-10A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S8-2'	E311194-11A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S8-3'	E311194-12A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S8-4'	E311194-13A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S9-1'	E311194-14A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S9-2'	E311194-15A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S9-3'	E311194-16A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S9-4'	E311194-17A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S10-1'	E311194-18A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S10-2'	E311194-19A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S10-3'	E311194-20A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S10-4'	E311194-21A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S11-1'	E311194-22A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S11-2'	E311194-23A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S11-3'	E311194-24A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S11-4'	E311194-25A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
BG1	E311194-26A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S5-4'

E311194-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	87.8 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S6-1'

E311194-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	80.9 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S6-2'

E311194-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	77.5 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S6-3'

E311194-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		110 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		110 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane		80.2 %	50-200	11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S6-4'

E311194-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	114 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	114 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	79.4 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S7-1'

E311194-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/30/23	
Toluene	ND	0.0250	1	11/22/23	11/30/23	
o-Xylene	ND	0.0250	1	11/22/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	115 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	115 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	62.4 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S7-2'

E311194-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		102 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		112 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		102 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		112 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane		72.3 %	50-200	11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S7-3'

E311194-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	76.7 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S7-4'

E311194-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		109 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		109 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane		79.0 %	50-200	11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S8-1'

E311194-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.5 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.5 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	78.4 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S8-2'

E311194-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		111 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		111 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane		80.2 %	50-200	11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S8-3'

E311194-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	85.5 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S8-4'

E311194-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	113 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	113 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	79.2 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S9-1'

E311194-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	80.0 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S9-2'

E311194-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	109 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	109 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	78.7 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S9-3'

E311194-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.7 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.7 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	75.1 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S9-4'

E311194-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/30/23	
Toluene	ND	0.0250	1	11/22/23	11/30/23	
o-Xylene	ND	0.0250	1	11/22/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	76.4 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S10-1'

E311194-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/30/23	
Toluene	ND	0.0250	1	11/22/23	11/30/23	
o-Xylene	ND	0.0250	1	11/22/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	78.2 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S10-2'

E311194-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/30/23	
Toluene	ND	0.0250	1	11/22/23	11/30/23	
o-Xylene	ND	0.0250	1	11/22/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	75.1 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S10-3'

E311194-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/30/23	
Toluene	ND	0.0250	1	11/22/23	11/30/23	
o-Xylene	ND	0.0250	1	11/22/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	78.4 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S10-4'

E311194-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.7 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/28/23	
<i>Surrogate: n-Nonane</i>						
	95.2 %	50-200		11/28/23	11/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348025
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S11-1'

E311194-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2347082	
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2347082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2348044	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/28/23	
<i>Surrogate: n-Nonane</i>						
	95.9 %	50-200		11/28/23	11/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2348025	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S11-2'

E311194-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.5 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/28/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		11/28/23	11/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348025
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S11-3'

E311194-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.6 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	95.3 %	50-200		11/28/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348025
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S11-4'

E311194-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	99.2 %	50-200		11/28/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348025
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

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

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

BG1

E311194-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.7 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		11/28/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348025
Chloride	ND	20.0	1	11/27/23	11/28/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

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 (2347088-BLK1)

Prepared: 11/22/23 Analyzed: 11/30/23

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	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.556		0.500		111	70-130			

LCS (2347088-BS1)

Prepared: 11/22/23 Analyzed: 11/30/23

Benzene	2.42	0.0250	2.50		96.9	70-130			
Ethylbenzene	2.62	0.0250	2.50		105	70-130			
Toluene	2.70	0.0250	2.50		108	70-130			
o-Xylene	2.48	0.0250	2.50		99.0	70-130			
p,m-Xylene	5.00	0.0500	5.00		100	70-130			
Total Xylenes	7.47	0.0250	7.50		99.7	70-130			
Surrogate: Bromofluorobenzene	0.475		0.500		94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.7	70-130			
Surrogate: Toluene-d8	0.562		0.500		112	70-130			

Matrix Spike (2347088-MS1)

Source: E311194-06

Prepared: 11/22/23 Analyzed: 11/30/23

Benzene	2.31	0.0250	2.50	ND	92.3	48-131			
Ethylbenzene	2.53	0.0250	2.50	ND	101	45-135			
Toluene	2.54	0.0250	2.50	ND	102	48-130			
o-Xylene	2.43	0.0250	2.50	ND	97.1	43-135			
p,m-Xylene	4.90	0.0500	5.00	ND	98.0	43-135			
Total Xylenes	7.33	0.0250	7.50	ND	97.7	43-135			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			

Matrix Spike Dup (2347088-MSD1)

Source: E311194-06

Prepared: 11/22/23 Analyzed: 11/30/23

Benzene	2.67	0.0250	2.50	ND	107	48-131	14.5	23	
Ethylbenzene	2.68	0.0250	2.50	ND	107	45-135	5.97	27	
Toluene	2.80	0.0250	2.50	ND	112	48-130	9.67	24	
o-Xylene	2.54	0.0250	2.50	ND	102	43-135	4.63	27	
p,m-Xylene	5.20	0.0500	5.00	ND	104	43-135	5.90	27	
Total Xylenes	7.74	0.0250	7.50	ND	103	43-135	5.48	27	
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.554		0.500		111	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/4/2023 4:40:52PM

Volatile Organics by EPA 8021B

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 (2347082-BLK1)

Prepared: 11/22/23 Analyzed: 11/22/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.2	70-130			

LCS (2347082-BS1)

Prepared: 11/22/23 Analyzed: 11/22/23

Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	5.00	0.0250	5.00		99.9	70-130			
o-Xylene	4.93	0.0250	5.00		98.5	70-130			
p,m-Xylene	9.94	0.0500	10.0		99.4	70-130			
Total Xylenes	14.9	0.0250	15.0		99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			

Matrix Spike (2347082-MS1)

Source: E311191-01

Prepared: 11/22/23 Analyzed: 11/22/23

Benzene	5.12	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	61-133			
Toluene	5.11	0.0250	5.00	ND	102	61-130			
o-Xylene	5.03	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.2	70-130			

Matrix Spike Dup (2347082-MSD1)

Source: E311191-01

Prepared: 11/22/23 Analyzed: 11/22/23

Benzene	5.04	0.0250	5.00	ND	101	54-133	1.66	20	
Ethylbenzene	4.84	0.0250	5.00	ND	96.8	61-133	1.42	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	1.52	20	
o-Xylene	4.96	0.0250	5.00	ND	99.3	63-131	1.33	20	
p,m-Xylene	9.99	0.0500	10.0	ND	99.9	63-131	1.52	20	
Total Xylenes	15.0	0.0250	15.0	ND	99.7	63-131	1.46	20	
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2347082-BLK1) Prepared: 11/22/23 Analyzed: 11/22/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

LCS (2347082-BS2) Prepared: 11/22/23 Analyzed: 11/22/23

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

Matrix Spike (2347082-MS2) Source: E311191-01 Prepared: 11/22/23 Analyzed: 11/22/23

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

Matrix Spike Dup (2347082-MSD2) Source: E311191-01 Prepared: 11/22/23 Analyzed: 11/22/23

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130	0.931	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

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 (2347088-BLK1)

Prepared: 11/22/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.556		0.500		111	70-130			

LCS (2347088-BS2)

Prepared: 11/22/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	56.8	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.568		0.500		114	70-130			

Matrix Spike (2347088-MS2)

Source: E311194-06

Prepared: 11/22/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.572		0.500		114	70-130			

Matrix Spike Dup (2347088-MSD2)

Source: E311194-06

Prepared: 11/22/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	ND	113	70-130	0.0790	20	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.563		0.500		113	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2348032-BLK1)					Prepared: 11/28/23 Analyzed: 11/30/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.7		50.0		83.4	50-200			

LCS (2348032-BS1)					Prepared: 11/28/23 Analyzed: 11/30/23				
Diesel Range Organics (C10-C28)	239	25.0	250		95.7	38-132			
Surrogate: n-Nonane	42.5		50.0		84.9	50-200			

Matrix Spike (2348032-MS1)					Source: E311194-10		Prepared: 11/28/23 Analyzed: 11/30/23		
Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.1	38-132			
Surrogate: n-Nonane	41.5		50.0		83.0	50-200			

Matrix Spike Dup (2348032-MSD1)					Source: E311194-10		Prepared: 11/28/23 Analyzed: 11/30/23		
Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.0	38-132	1.95	20	
Surrogate: n-Nonane	42.4		50.0		84.8	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/4/2023 4:40:52PM

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 (2348044-BLK1)

Prepared: 11/28/23 Analyzed: 11/28/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.9	50-200			

LCS (2348044-BS1)

Prepared: 11/28/23 Analyzed: 11/28/23

Diesel Range Organics (C10-C28)	247	25.0	250		98.7	38-132			
Surrogate: n-Nonane	49.9		50.0		99.9	50-200			

Matrix Spike (2348044-MS1)

Source: E311208-01

Prepared: 11/28/23 Analyzed: 11/28/23

Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	38-132			
Surrogate: n-Nonane	48.6		50.0		97.2	50-200			

Matrix Spike Dup (2348044-MSD1)

Source: E311208-01

Prepared: 11/28/23 Analyzed: 11/28/23

Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.4	38-132	0.204	20	
Surrogate: n-Nonane	48.5		50.0		97.0	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/4/2023 4:40:52PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2348025-BLK1)					Prepared: 11/27/23 Analyzed: 11/28/23				
Chloride	ND	20.0							
LCS (2348025-BS1)					Prepared: 11/27/23 Analyzed: 11/28/23				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2348025-MS1)					Source: E311176-43		Prepared: 11/27/23 Analyzed: 11/28/23		
Chloride	239	200	250	ND	95.7	80-120			
Matrix Spike Dup (2348025-MSD1)					Source: E311176-43		Prepared: 11/27/23 Analyzed: 11/28/23		
Chloride	244	200	250	ND	97.5	80-120	1.84	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/4/2023 4:40:52PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2348027-BLK1)					Prepared: 11/27/23 Analyzed: 11/28/23				
Chloride	ND	20.0							
LCS (2348027-BS1)					Prepared: 11/27/23 Analyzed: 11/28/23				
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2348027-MS1)					Source: E311194-04		Prepared: 11/27/23 Analyzed: 11/28/23		
Chloride	249	20.0	250	ND	99.7	80-120			
Matrix Spike Dup (2348027-MSD1)					Source: E311194-04		Prepared: 11/27/23 Analyzed: 11/28/23		
Chloride	247	20.0	250	ND	99.0	80-120	0.709	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:	Galapagos 14 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/04/23 16:40

- 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: Galapagos 14 CTB2				Attention: Devon				Lab WO# E.31194				Job Number 01058-0007				1D		2D		3D		Standard		CWA		SDWA																							
Project Manager: Tom Bynum				Address:																																													
Address: 5614 N. Lovington Hwy.				City, State, Zip																																													
City, State, Zip Hobbs, NM, 88240				Phone:																																													
Phone: 580-748-1613				Email:																																													
Email: tom@pimaoil.com				Pima Project # R352-1																																													
Report due by:																																																	
Time Sampled		Date Sampled		Matrix		No. of Containers		Sample ID				Lab Number		DRO/DRO by 8015		GRO/DRO by 8015		BTX by 8021		VOC by 8260		Metals 6010		Chloride 300.0		BGDOC NM		BGDOC TX		Remarks																			
9:41		11/17		S				S5-4'				1														X																							
9:43								S6-1'				2																																					
9:51								S6-2'				3																																					
10:09								S6-3'				4																																					
10:15								S6-4'				5																																					
10:18								S7-1'				6																																					
10:21								S7-2'				7																																					
10:25								S7-3'				8																																					
10:31								S7-4'				9																																					
10:38								S8-1'				10																																					
Additional Instructions: B# 2/21/670																																																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.														Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																																			
Relinquished by: (Signature) Karime Adame														Date: 11/21/23		Time: 1510		Received by: (Signature) Jordan Matus														Date: 11/21/23		Time: 1510		Lab Use Only													
Relinquished by: (Signature)														Date: 11/21/23		Time: 1740		Received by: (Signature)														Date: 11/22/23		Time: 7:30		Received on ice: Y/N													
Relinquished by: (Signature)														Date:		Time:		Received by: (Signature)														Date:		Time:		T1 T2 T3													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other														Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA														AVG Temp °C 4																					
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

Client: Pima Environmental Services				Bill To				Lab Use Only				TAT				EPA Program							
Project: <u>Galapagos 14 CTB2</u>				Attention: <u>Devon</u>				Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA						
Project Manager: <u>Tom Bynum</u>				Address:				<u>E311194</u>		<u>01058-0007</u>					<u>X</u>								
Address: <u>5614 N. Lovington Hwy.</u>				City, State, Zip				Analysis and Method											RCRA				
City, State, Zip: <u>Hobbs, NM, 88240</u>				Phone:				DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0										
Phone: <u>580-748-1613</u>				Email:											BGDOC NM	BGDOC TX							
Email: <u>tom@pimaoil.com</u>				Pima Project # <u>R352-1</u>																			
Report due by:																							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													State					
																		NM	CO	UT	AZ	TX	
																		<u>X</u>					
Remarks																							
<u>10:40</u>	<u>11/17</u>	<u>5</u>		<u>S8-2'</u>	<u>11</u>									<u>X</u>									
<u>10:46</u>	<u> </u>	<u> </u>		<u>S8-3'</u>	<u>12</u>									<u> </u>									
<u>10:52</u>	<u> </u>	<u> </u>		<u>S8-4'</u>	<u>13</u>									<u> </u>									
<u>10:56</u>	<u> </u>	<u> </u>		<u>S9-1'</u>	<u>14</u>									<u> </u>									
<u>11:10</u>	<u> </u>	<u> </u>		<u>S9-2'</u>	<u>15</u>									<u> </u>									
<u>11:12</u>	<u> </u>	<u> </u>		<u>S9-3'</u>	<u>16</u>									<u> </u>									
<u>11:21</u>	<u> </u>	<u> </u>		<u>S9-4'</u>	<u>17</u>									<u> </u>									
<u>11:23</u>	<u> </u>	<u> </u>		<u>S10-1'</u>	<u>18</u>									<u> </u>									
<u>11:27</u>	<u> </u>	<u> </u>		<u>S10-2'</u>	<u>19</u>									<u> </u>									
<u>11:33</u>	<u> </u>	<u> </u>		<u>S10-3'</u>	<u>20</u>									<u> </u>									
Additional Instructions: <u>B# 21211670</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.																							
Sampled by:																							
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only							
<u>Karine Adams</u>				<u>11/21/23</u>		<u>15:10</u>		<u>[Signature]</u>				<u>11/21/23</u>		<u>15:10</u>		Received on ice: <u>Y/N</u>							
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		T1							
<u>[Signature]</u>				<u>11/21/23</u>		<u>17:40</u>		<u>[Signature]</u>				<u>11/22/23</u>		<u>7:30</u>		T2							
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		T3							
<u>[Signature]</u>								<u>[Signature]</u>								AVG Temp °C <u>4</u>							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							



Client: Pima Environmental Services Project: Galapagos HCTB2 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:				Bill To Attention: Devon Address: City, State, Zip Phone: Email: Pima Project # R352-1				Lab Use Only Lab Work E31194 Job Number 101058-0007 Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX										TAT 1D 2D 3D Standard Y State NM CO UT AZ TX X				EPA Program CWA SDWA RCRA	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number											Remarks							
11:39	11/17	S		S10-4'	21																		
11:43				S11-1'	22																		
11:47				S11-2'	23																		
11:51				S11-3'	24																		
11:53				S11-4'	25																		
11:59				BGI	26																		
Additional Instructions: B# 21211670																							
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.																							
Relinquished by: (Signature) Karime Adame Date 11/21/23 Time 1510						Received by: (Signature) [Signature] Date 11/21/23 Time 1510						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.											
Relinquished by: (Signature) [Signature] Date 11/21/23 Time 1740						Received by: (Signature) [Signature] Date 11/22/23 Time 7:30						Received on ice: 07 N											
Relinquished by: (Signature) [Signature] Date Time						Received by: (Signature) Date Time						T1 T2 T3											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

Envirotech Analytical Laboratory

Printed: 11/22/2023 9:03:36AM

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:	11/21/23 07:30	Work Order ID:	E311194
Phone:	(575) 631-6977	Date Logged In:	11/21/23 16:20	Logged In By:	Jordan Montano
Email:	tom@pimaoil.com	Due Date:	11/29/23 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 (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?	No
Collectors name?	No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

COC spilt into two work orders due to the volume of samples.

E311193-E311194.

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

Date



envirotech Inc.

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QUESTIONS

Action 454477

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454477
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2207536482
Incident Name	NAPP2207536482 GALAPAGOS 14 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source

Please answer all the questions in this group.

Site Name	GALAPAGOS 14 CTB 2
Date Release Discovered	03/15/2022
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: Equipment Failure Pump Produced Water Released: 35 BBL Recovered: 35 BBL Lost: 0 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)	Lease Operator arrived at location and noticed water spraying out of the discharge side of the water transfer pump. There was a 3" nipple leaking. The operator shut off the water transfer pump, isolated the pump to stop the leak. A vacuum truck was dispatched to recover fluids. Fluids did not leave lined containment. Fluids did not impact the pad. Fluids did not leave the location.

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QUESTIONS, Page 2

Action 454477

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454477
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 06/03/2024
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QUESTIONS, Page 3

Action 454477

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454477
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>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.</i>	
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)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	11/17/2023
On what date will (or did) the final sampling or liner inspection occur	11/17/2023
On what date will (or was) the remediation complete(d)	11/17/2023
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
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 454477

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454477
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	samples were collected from beneath tears and the liner and submitted to laboratory for analysis.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 06/03/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 454477

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454477
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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 454477

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454477
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	350261
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/17/2023
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	5

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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)	liner inspection indicated tears in the liner. Samples were collected beneath the liner and were non-detect. Liner was subsequently patched.
<i>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>	
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@dvn.com Date: 06/03/2024

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QUESTIONS, Page 7

Action 454477

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454477
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	7169
What was the total volume of replacement material (in cubic yards) for this site	0
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	01/01/2040
Summarize any additional reclamation activities not included by answers (above)	No remediation necessary, reclamation standard criteria already met
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. 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: James Raley Title: EHS Professional Email: jim.ralej@dmn.com Date: 04/22/2025

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QUESTIONS, Page 8

Action 454477

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454477
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 454477

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454477
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	4/28/2025
amaxwell	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	4/28/2025
amaxwell	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	4/28/2025