

**Ridgeway Arizona Oil Corp.
575 N. Dairy Ashford
Suite 210
Houston, TX 77079**

November 18, 2024

NMOCD District 1
1625 N French Dr.
Hobbs, NM, 88240

**RE: Site Assessment, Remediation and Closure Report
Jennifer Chaveroo SA Unit #361H
API No. 30-041-20978
GPS: Latitude 33.671764 Longitude -103.526251
UL "M", Section 25, Township 07S, Range 33E
Roosevelt County, NM
NMOCD Reference No. NDHR1912756170**

Ridgeway Arizona Oil Corp. (Ridgeway) has contracted Pima Environmental Services, LLC (Pima) to perform a site assessment, remediation and write a closure report for a crude oil and produced water mixed release that was discovered on April 13, 2019, at the Jennifer Chaveroo SA Unit #361H (Jennifer). The initial C-141 form was submitted and approved on May 7, 2019. This incident was assigned Incident ID NDHR1912756170 by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The Jennifer is located approximately twenty-one (21) miles NE of Dora, NM. This spill site is in Unit M, Section 25, Township 07S, Range 33E, Latitude 33.671764 Longitude -103.526251, Roosevelt County, NM. A Location Map can be found in Figure 1.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology in this area includes scattered lacustrine, playa, and alluvial deposits of the Tahoka, Double Tanks, Tule, Blanco, Blackwater Draw, and Gatuna Formations, the latter of which may be Pliocene at base; outcrops, however, are basically of Quaternary deposits. The soil in this area is made up of Jalmar, Amarose, and Vestwells soils, having 1 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well drained. There is a low potential for karst geology to be present around the Jennifer (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 150 feet below grade surface (BGS). According to the United States Geological Survey well water data, depth to the nearest groundwater in this area is 223 feet BGS. See Appendix A for referenced water surveys.

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

Reference Figure 2 for a Topographic Map.

Release Information

NDHR1912756170: On April 13, 2019, it was discovered that the cause of the release was a fire on location, releasing 5 bbls of crude oil and 10 bbls of produced water. The fire was caused by the tester becoming fluid packed pushing oil to the gas line. The scrubber pump controller didn't operate allowing fluid to fill up the scrubber and enter the flare line and go to the lit flare igniting the oil. Oil stayed lit as it fell to the ground catching the nearby grass and flowlines on fire. The reason 0 barrels of recovered oil and produced water was shown is because it burned as it hit the ground.

Site Assessment

On February 24, 2024, Pima mobilized personnel to perform a site assessment and collect soil samples. Grab soil samples were collected within and around the impacted area utilizing a hand auger. The laboratory results from this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

2-24-2024 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Ridgeway Arizona Corporation- Jennifer SA Unit 361H								
Sample Date: 2-24-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	ND	ND	ND	73.6	128	201.6	373
	2'	ND	ND	ND	ND	ND	0	204
	3'	ND	ND	ND	ND	ND	0	48.1
	4'	ND	ND	ND	ND	ND	0	1040
S2	1'	ND	ND	ND	ND	ND	0	147
	2'	ND	ND	ND	ND	ND	0	40.6
	3'	ND	ND	ND	ND	ND	0	288
	4'	ND	ND	ND	ND	ND	0	137
S3	1'	ND	ND	ND	ND	ND	0	61.2
	2'	ND	ND	ND	ND	ND	0	27.9
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	190
S4	1'	ND	ND	ND	325	802	1127	37
	2'	ND	ND	ND	ND	329	329	26.6
	3'	ND	ND	ND	ND	ND	0	91.6
	4'	ND	ND	ND	ND	ND	0	183
S5	1'	ND	ND	ND	ND	ND	0	78.1
	2'	ND	ND	ND	ND	ND	0	150
	3'	ND	ND	ND	ND	ND	0	154
	4'	ND	ND	ND	ND	ND	0	182
S6	1'	ND	ND	ND	ND	ND	0	51.2
	2'	ND	ND	ND	ND	54.8	54.8	237
	3'	ND	ND	ND	ND	ND	0	227
	4'	ND	ND	ND	ND	ND	0	59.5
S7	1'	ND	ND	ND	ND	ND	0	461
	2'	ND	ND	ND	ND	ND	0	974
	3'	ND	ND	ND	ND	ND	0	389
	4'	ND	ND	ND	ND	ND	0	165

SW1	0-4'	ND	ND	ND	ND	ND	0	ND
SW2	0-4'	ND	ND	ND	ND	ND	0	ND
SW3	0-4'	ND	ND	ND	ND	ND	0	ND
SW4	0-4'	ND	ND	ND	ND	ND	0	ND
SW5	0-4'	ND	ND	ND	ND	ND	0	ND
SW6	0-4'	ND	ND	ND	ND	ND	0	ND
SW7	0-4'	ND	ND	ND	ND	ND	0	ND
SW8	0-4'	ND	ND	ND	ND	ND	0	ND
SW9	0-4'	ND	ND	ND	ND	ND	0	ND
SW10	0-4'	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

ND/0 –Analyte Not Detected

Remediation Activities

On September 25, 2024, Pima personnel mobilized to the site to begin excavating the release area. The estimated total volume of soil that was excavated from S1 was based on a 200 square foot area at an average depth of 4.5’ below ground surface, totaling approximately 33 cubic yards. The estimated total volume of soil that was excavated from S4 and S7 was based on a 200 square foot area per samples, totaling 400 square feet at an average depth of 2.5’ below ground surface, totaling approximately 37 cubic yards. The contaminated soil was hauled and disposed of at Gandy Marley, Inc, an NMOCD-approved disposal facility. An Excavation Map can be referenced in Figure 5. Photographic Documentation is referenced in Appendix D.

On October 2, 2024, after Ridgeway submitted a 48-hour sampling notification (Appendix C), a total of six (6) composite confirmation samples were collected representing no more than 200 square feet from the base and walls of the excavated areas. All samples were put on ice, jarred, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The sample results from this sampling event can be found in the data table below. A Confirmation Sample Map can be referenced in Figure 6. A complete Laboratory Report can be referenced in Appendix E.

10-2-2024 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Ridgeway Jennifer Chaveroo SA Unit #361H								
Date: 10-2-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	5'	ND	ND	ND	ND	ND	ND	154
CS4	3'	ND	ND	ND	ND	ND	ND	56.1
CS7	3'	ND	ND	ND	ND	ND	ND	109
CSW1	COMP	ND	ND	ND	48.2	79.6	127.8	32.1
CSW4	COMP	ND	ND	ND	30.9	ND	30.9	89.9
CSW7	COMP	ND	ND	ND	ND	ND	ND	48.6

ND/0- Analyte Not Detected

Based on the soil sample results, CSW1 required additional remediation. Pima personnel returned to the Jennifer to further excavate the sidewalls of CSW1. The sidewalls were extended in all directions another 6”. After submitting a 48-hour sampling notification on October 25, 2024 (Appendix C), one (1) 5-point composite sample was collected on October 29, 2024, from the sidewalls of CSW1. The sample collected was put on ice, jarred, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The sample results from this sampling event can be found in the data table below. Confirmation Sample Map (2) can be referenced in Figure 7. A complete Laboratory Report can be referenced in Appendix E.

10-29-2024 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Ridgeway Jennifer Chaveroo SA Unit #361H								
Date: 10-29-2024		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CSW1	COMP	ND	ND	ND	ND	ND	ND	ND

ND/0- Analyte Not Detected

Closure Request

Based on the laboratory reports, the contamination levels for all samples analyzed are under the regulatory limits as per the less than 50-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. The excavated area was backfilled with clean, like material. No further remediation activities are required for this incident.

Ridgeway has complied with the applicable requirements set forth in 19.15.29.12 NMAC and requests that this remediation closure report for incident ID NDHR1912756170 be approved. Ridgeway understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan addressing a minimum of four feet of non-waste containing earthen material.

For questions or additional information, please feel free to contact:
 Ridgeway Arizona Oil Corp – Charles Hinojosa – 713-574-7912 or chinojosa@pedevco.com.
 Pima Environmental – DelRae Geller – 806-724-5391 or delrae@pimaoil.com.

Respectfully,

DelRae Geller
 DelRae Geller
 Project Manager
 Pima Environmental Services, LLC

Attachments

- Figures:
- 1- Location Map
 - 2- Topographic Map
 - 3- Karst Map
 - 4- Site Map
 - 5- Excavation Map
 - 6- Confirmation Sample Map
 - 7- Confirmation Sample Map (2)

- Appendices:
- Appendix A – Referenced Water Surveys
 - Appendix B – Soil Survey and Geological Data
 - Appendix C – 48-Hour Sampling Notification
 - Appendix D – Photographic Documentation
 - Appendix E – Laboratory Reports



Pima Environmental Services

Figures:

1. Location Map
2. Topographic Map
3. Karst Map
4. Site Map
5. Excavation Map
6. Confirmation Sample Map
7. Confirmation Sample Map (2)

Jennifer Chaveroo SA Unit 361H

Ridgeway Arizona Oil Corp
API:30-041-20978
Roosevelt County, NM
Location Map

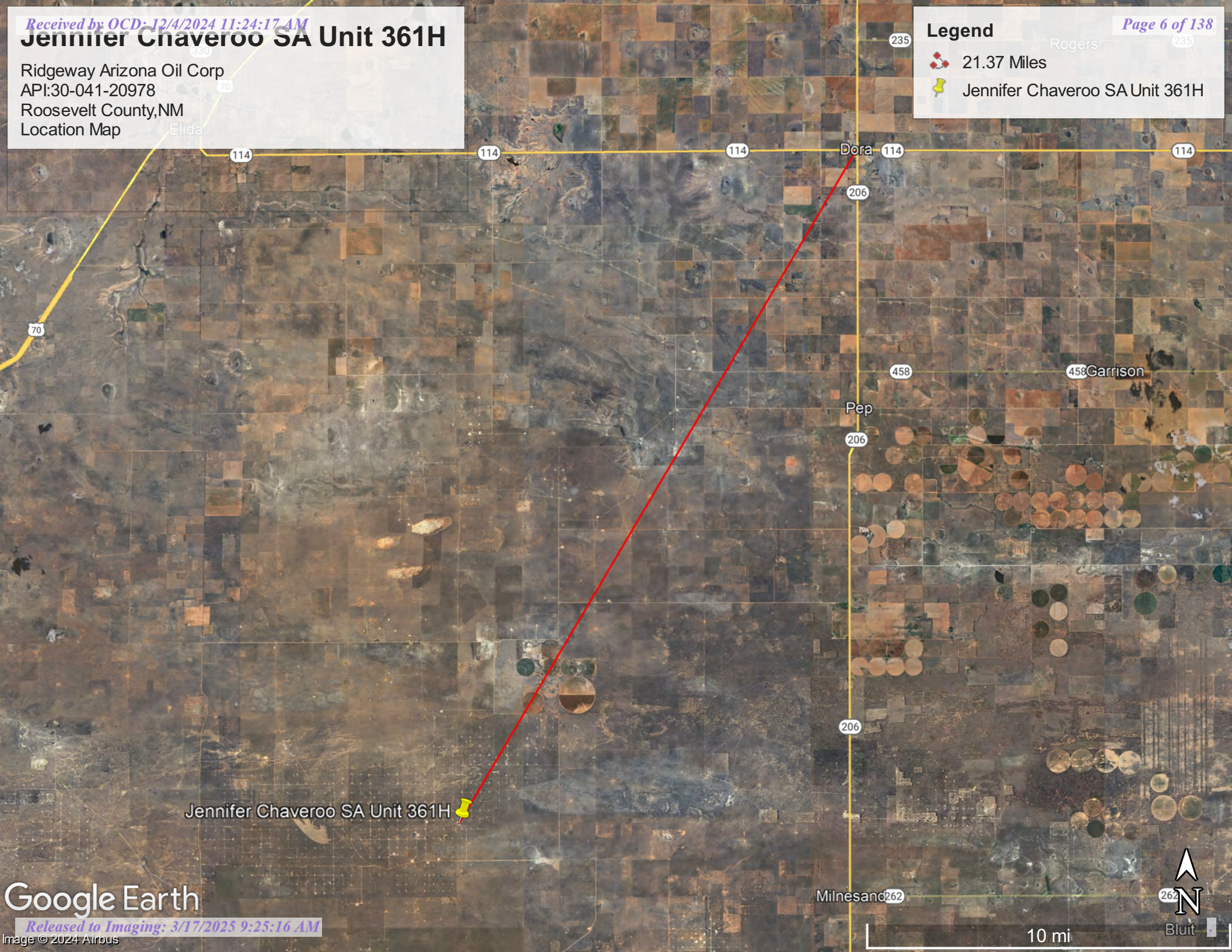
Legend



21.37 Miles



Jennifer Chaveroo SA Unit 361H



Jennifer Chaveroo SA Unit 361H

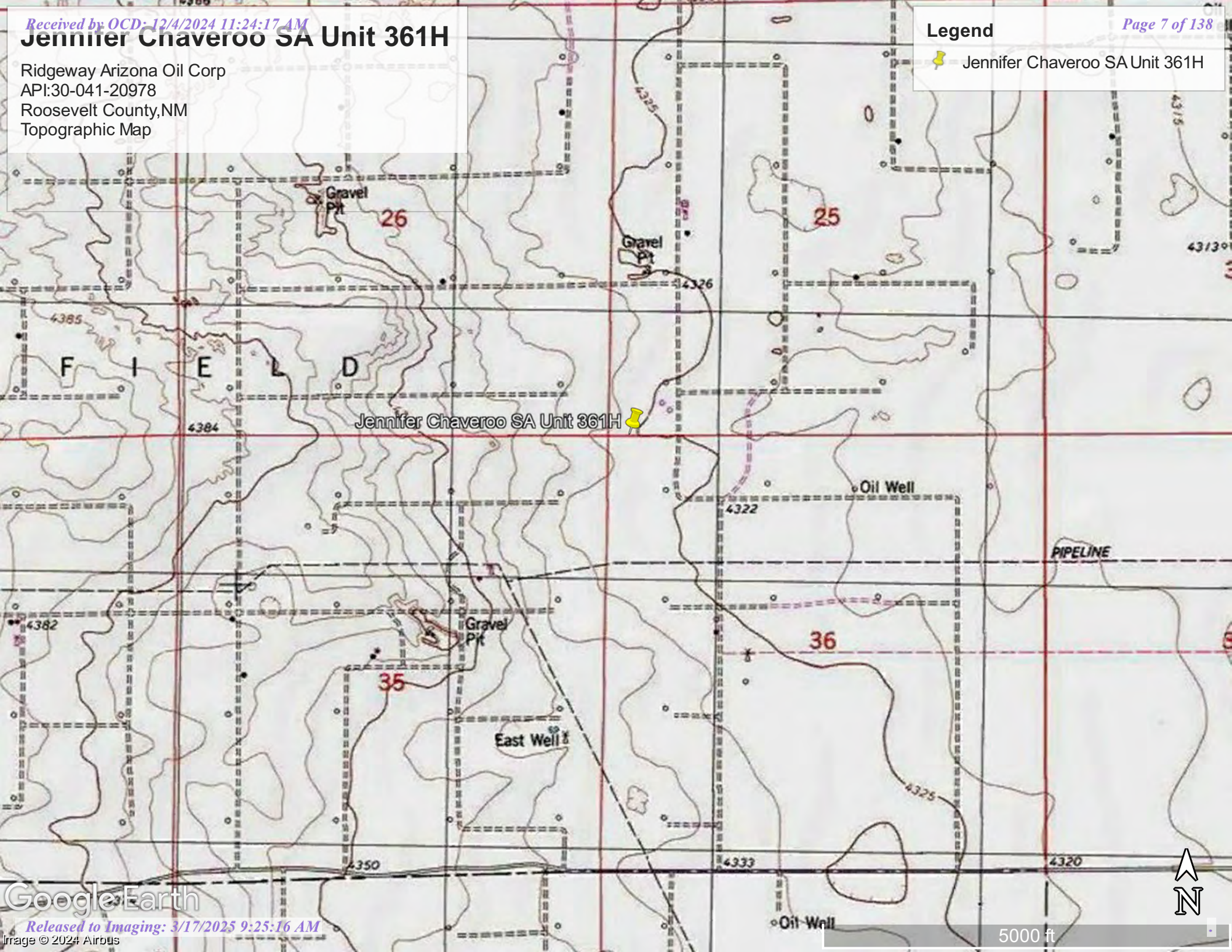


Jennifer Chaveroo SA Unit 361H

Ridgeway Arizona Oil Corp
API:30-041-20978
Roosevelt County, NM
Topographic Map

Legend





- Jennifer Chaveroo SA Unit 361H




Jennifer Chaveroo SA Unit 361H

Ridgeway Arizona Oil Corp
API:30-041-20978
Roosevelt County, NM
Karst Map

Legend

-  Low Karst
-  High Karst
-  Jennifer Chaveroo SA Unit 361H
-  Medium Karst

Jennifer Chaveroo SA Unit 361H 





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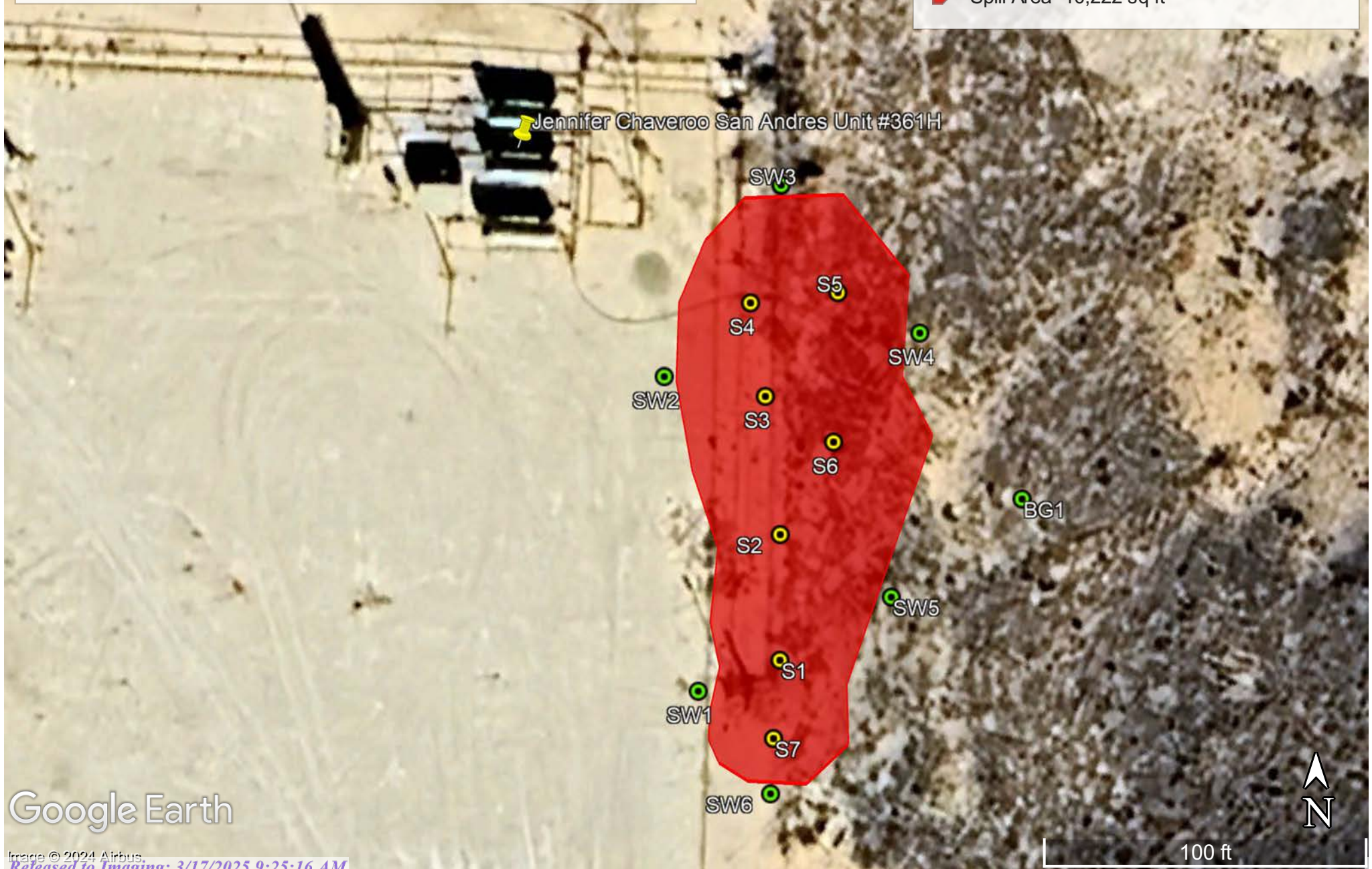


Jennifer Chaveroo San Andres Unit #361H

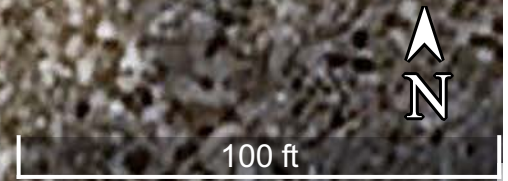
Ridgeway Arizona Oil Corp.
API No #30-041-20978
Roosevelt County
Site Map

Legend

-  Jennifer Chaveroo San Andres Unit #361H
-  Samples
-  Sidewall/Background Samples
-  Spill Area -10,222 sq ft








Google Earth

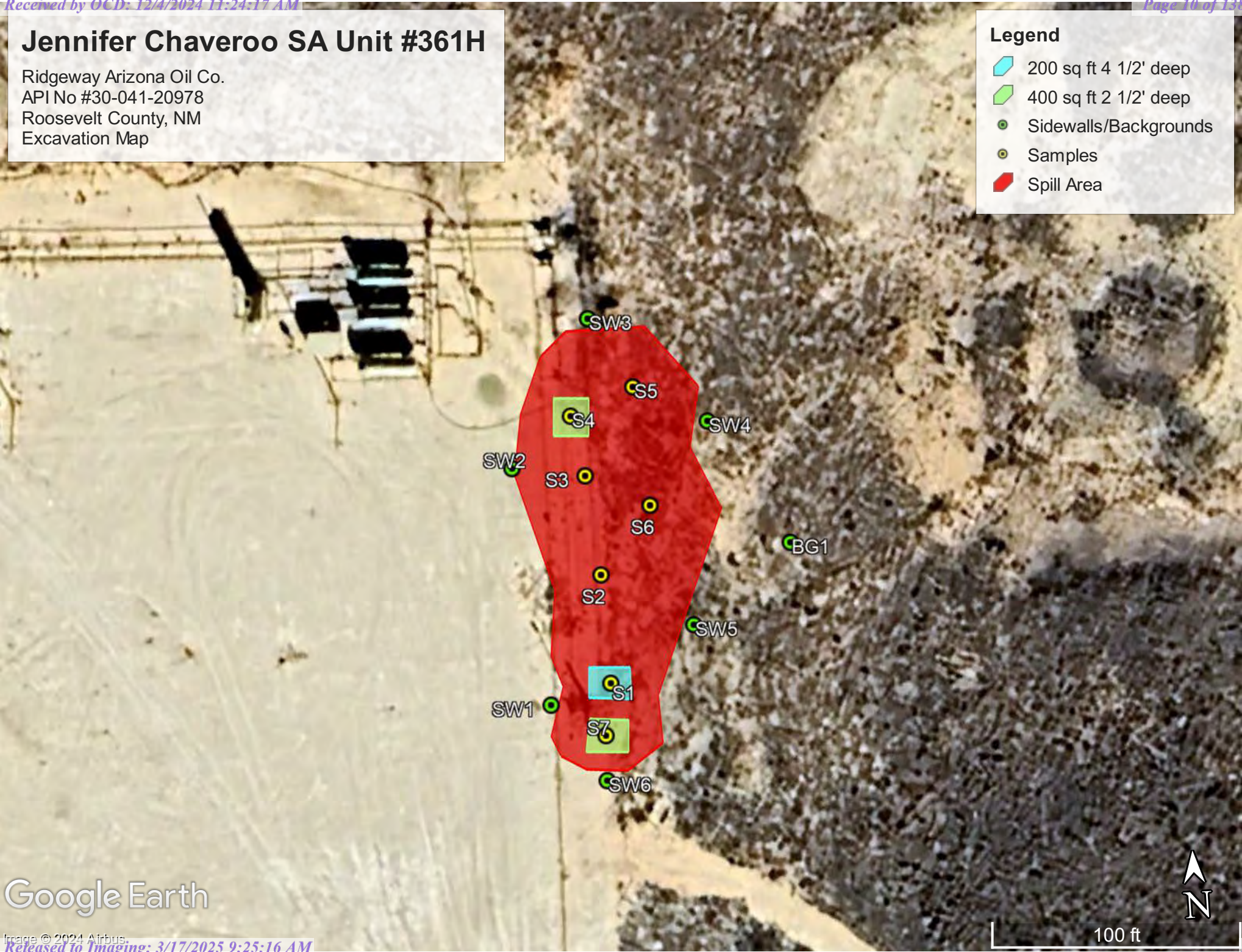


Jennifer Chaveroo SA Unit #361H

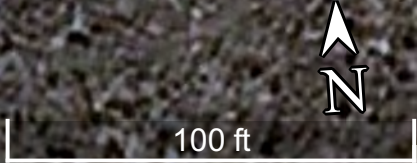
Ridgeway Arizona Oil Co.
API No #30-041-20978
Roosevelt County, NM
Excavation Map

Legend

-  200 sq ft 4 1/2' deep
-  400 sq ft 2 1/2' deep
-  Sidewalls/Backgrounds
-  Samples
-  Spill Area



Google Earth



Jennifer Chaveroo SA Unit #361H

Ridgeway Arizona Oil Corp
API: 30-041-20978
Roosevelt County, NM
Confirmation Sample Map

Legend

- Composite Bottom Samples
- Composite Sidewall Samples
- Excavated Area 200 sq ft 4 1/2' deep
- Excavated Area 400 sq ft 2 1/2' deep



Google Earth

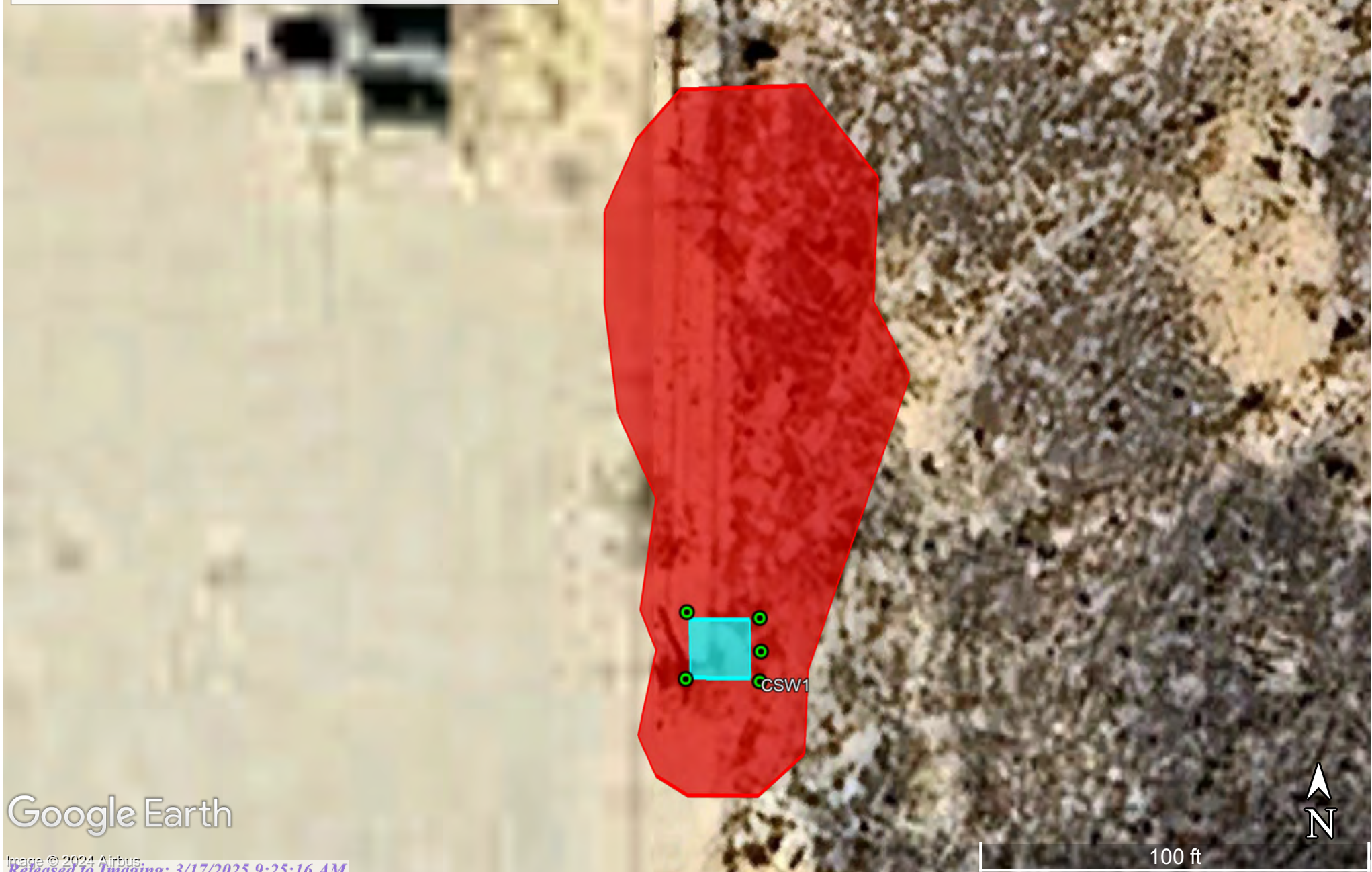
100 ft

Jennifer Chaveroo SA Unit #361H

Ridgeway Arizona Oil Corp
API: 30-041-20978
Roosevelt County, NM
Confirmation Sample Map (2)

Legend

- Composite Sidewall Samples
- Excavated Area 200 sq ft 4 1/2' deep



Google Earth



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Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	13691 POD1	1	1	4	22	09S	32E	637362	3725298

x

Driller License: 1058	Driller Company: KEY'S DRILLING & PUMP SERVICE	
Driller Name: CLINTON KEY		
Drill Start Date: 02/25/2015	Drill Finish Date: 02/25/2015	Plug Date:
Log File Date: 03/09/2015	PCW Rev Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield: 30 GPM
Casing Size: 4.50	Depth Well: 150 feet	Depth Water:

x

Water Bearing Stratifications:	Top	Bottom	Description
	55	65	Sandstone/Gravel/Conglomerate
	70	143	Sandstone/Gravel/Conglomerate

x

Casing Perforations:	Top	Bottom
	65	150

x

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




5/14/24 10:51 AM


POINT OF DIVERSION SUMMARY


Jennifer Chaveroo SA Unit 361H

Ridgeway Arizona Oil Corp
API:30-041-20978
Roosevelt County,NM
OSE Location Map

Legend

-  1.00 Miles
-  Jennifer Chaveroo SA Unit 361H
-  L 13691 Pod1

Jennifer Chaveroo SA Unit 361H 

L 13691 Pod1 





USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 333942103313401

Minimum number of levels = 1

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

USGS 333942103313401 07S.33E.35.424143

Available data for this site

Roosevelt County, New Mexico

Hydrologic Unit Code 12080001

Latitude 33°39'43", Longitude 103°31'42" NAD27

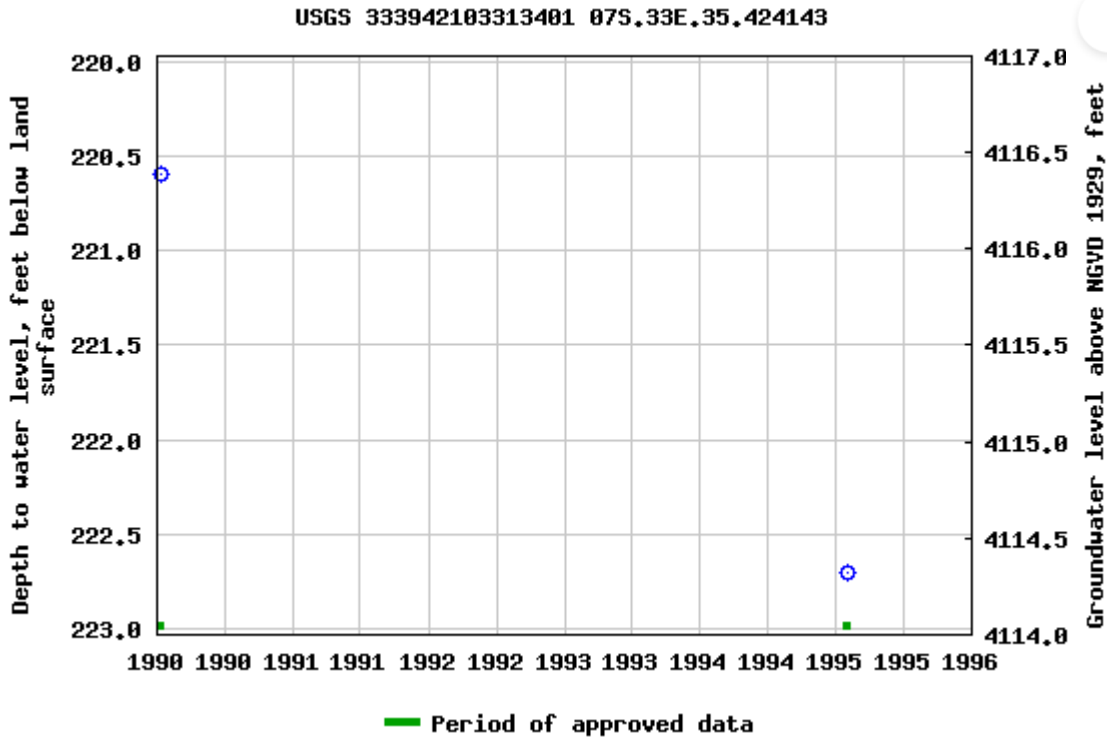
Land-surface elevation 4,337.00 feet above NGVD29

The depth of the well is 258 feet below land surface.

This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

Output formats

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



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

[Download a presentation-quality graph](#)

- [Questions or Comments](#)
- [Automated retrievals](#)
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Title: Groundwater for USA: Water Levels

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

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

Page Last Modified: 2024-05-14 13:00:09 EDT




0.96 0.71 nadww01





Jennifer Chaveroo SA Unit 361H

Ridgeway Arizona Oil Corp
API:30-041-20978
Roosevelt County, NM
USGS Location Map

Legend

-  0.69 Miles
-  Jennifer Chaveroo SA Unit 361H
-  USGS 333942103313401

Jennifer Chaveroo SA Unit 361H 




USGS 333942103313401 

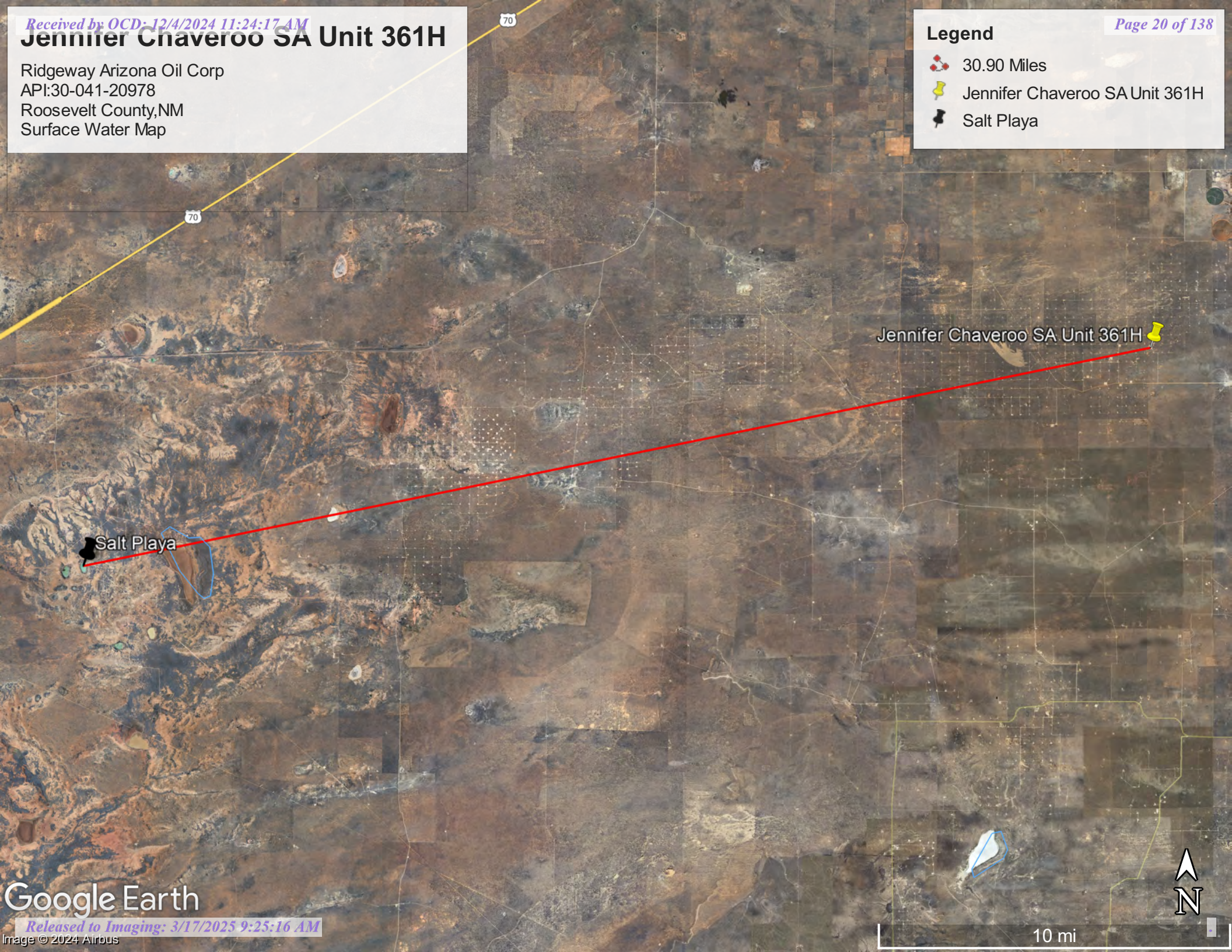


Jennifer Chaveroo SA Unit 361H

Ridgeway Arizona Oil Corp
API:30-041-20978
Roosevelt County, NM
Surface Water Map

Legend

-  30.90 Miles
-  Jennifer Chaveroo SA Unit 361H
-  Salt Playa





Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Jalmar, Amarose, and Vestwells soils, 1 to 3 percent slopes---Roosevelt County, New Mexico

Jennifer Chaveroo SA Unit 361H

Roosevelt County, New Mexico

JAV—Jalmar, Amarose, and Vestwells soils, 1 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1idym
Elevation: 2,500 to 4,600 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 57 to 63 degrees F
Frost-free period: 180 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Jalmar and similar soils: 30 percent
Amarose and similar soils: 25 percent
Vestwells and similar soils: 24 percent
Minor components: 21 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Jalmar

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits

Typical profile

A - 0 to 12 inches: fine sand
E - 12 to 30 inches: fine sand
Bt1 - 30 to 55 inches: fine sandy loam
Bt2 - 55 to 80 inches: sandy clay loam

Properties and qualities

Slope: 1 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 5.8 inches)

Interpretive groups

Land capability classification (irrigated): 4e

Map Unit Description: Jalmar, Amarose, and Vestwells soils, 1 to 3 percent slopes---Roosevelt County, New Mexico

Jennifer Chaveroo SA Unit 361H

Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: A
Ecological site: R077DY046TX - Sandy 12-17" PZ
Hydric soil rating: No

Description of Amarose

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy eolian deposits

Typical profile

A - 0 to 10 inches: loamy fine sand
Bt1 - 10 to 34 inches: sandy clay loam
Bt2 - 34 to 42 inches: fine sandy loam
Btk - 42 to 80 inches: loam

Properties and qualities

Slope: 1 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 (0.57 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: 55 percent
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: R077DY046TX - Sandy 12-17" PZ
Hydric soil rating: No

Description of Vestwells

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits

Typical profile

A - 0 to 5 inches: fine sand
E - 5 to 22 inches: fine sand
Bt1 - 22 to 41 inches: sandy clay loam

Map Unit Description: Jalmar, Amarose, and Vestwells soils, 1 to 3 percent slopes---Roosevelt County, New Mexico

Jennifer Chaveroo SA Unit 361H

Bt2 - 41 to 48 inches: sandy clay
Btkk - 48 to 80 inches: sandy clay loam

Properties and qualities

Slope: 1 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): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 60 percent
Available water supply, 0 to 60 inches: Moderate (about 7.0 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: R077DY046TX - Sandy 12-17" PZ
Hydric soil rating: No

Minor Components

Elida

Percent of map unit: 13 percent
Landform: Playa slopes, plains
Landform position (two-dimensional): Backslope
Down-slope shape: Linear
Across-slope shape: Concave, linear
Ecological site: R077DY046TX - Sandy 12-17" PZ
Hydric soil rating: No

Douro

Percent of map unit: 5 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R077DY046TX - Sandy 12-17" PZ
Hydric soil rating: No

Triomas

Percent of map unit: 3 percent
Landform: Plains
Down-slope shape: Convex
Across-slope shape: Linear
Ecological site: R077DY046TX - Sandy 12-17" PZ

Map Unit Description: Jalmar, Amarose, and Vestwells soils, 1 to 3 percent slopes---Roosevelt
County, New Mexico

Jennifer Chaveroo SA Unit 361H

Hydric soil rating: No

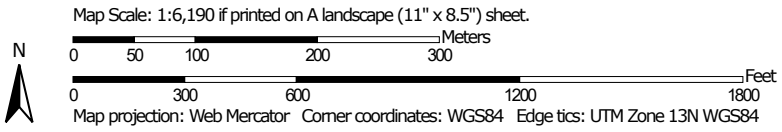
Data Source Information

Soil Survey Area: Roosevelt County, New Mexico
Survey Area Data: Version 20, Sep 7, 2023

Soil Map—Roosevelt County, New Mexico




Soil Map may not be valid at this scale.



Soil Map—Roosevelt County, 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 1:24,000.

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: Roosevelt County, New Mexico
 Survey Area Data: Version 21, 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 5, 2021—Feb 8, 2021

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.

Soil Map—Roosevelt County, New Mexico

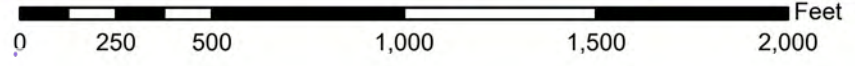
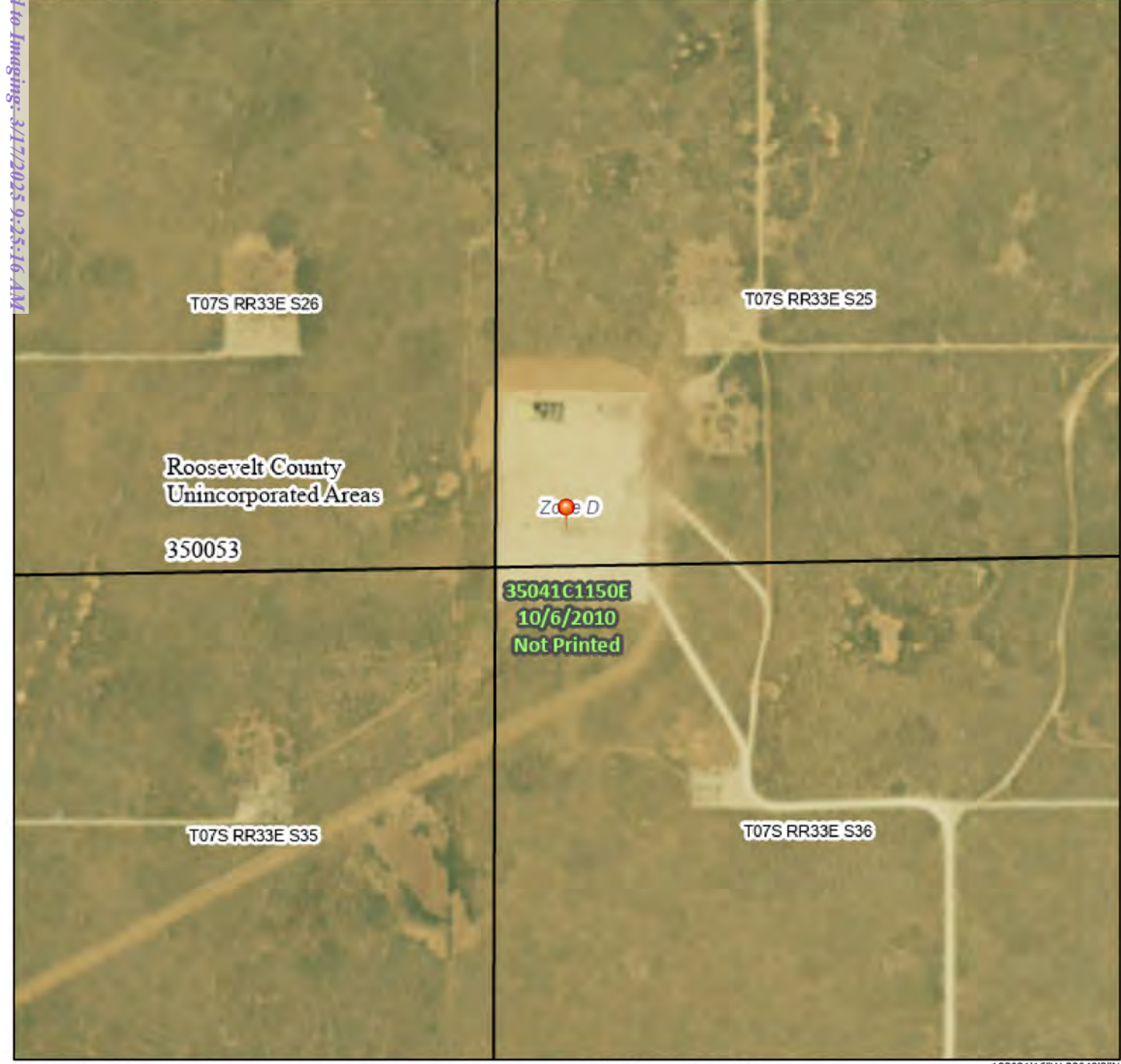
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
DeB	Delphos loamy fine sand, 0 to 3 percent slopes	10.2	5.2%
JAV	Jalmar, Amarose, and Vestwells soils, 1 to 3 percent slopes	184.6	94.6%
PnC	Penwell fine sand, 1 to 5 percent slopes	0.3	0.2%
Totals for Area of Interest		195.1	100.0%

National Flood Hazard Layer FIRMette



103°31'53"W 33°40'33"N



1:6,000

103°31'16"W 33°40'3"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone Z</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone X</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		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 **5/14/2024 at 12:45 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Released to Imaging: 3/17/2025 9:25:16 AM

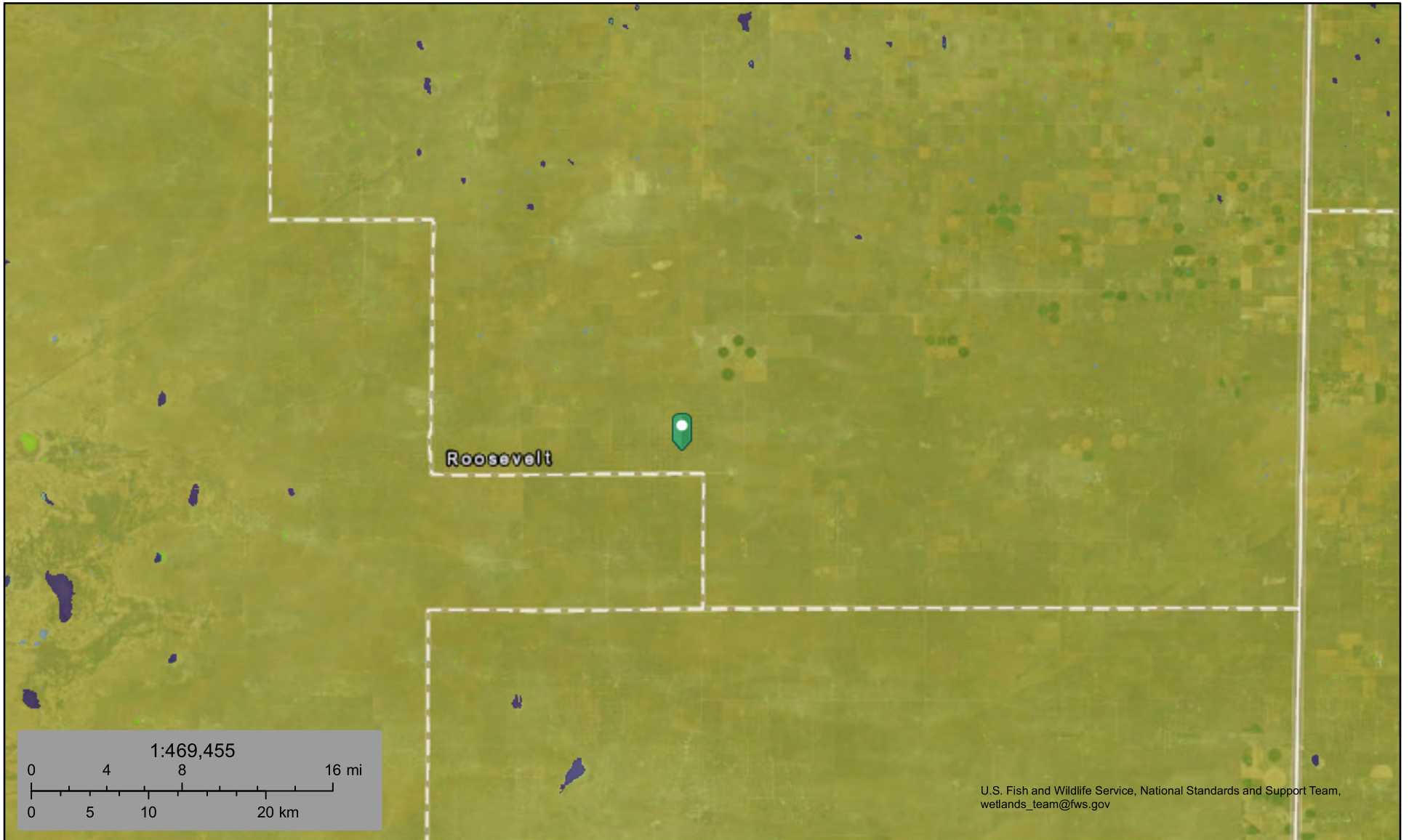
Received by OCD: 12/20/24 11:24:17 AM

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U.S. Fish and Wildlife Service
National Wetlands Inventory

Jennifer Chaveroo SA Unit 361H



May 14, 2024

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

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.



Pima Environmental Services

Appendix C

48- Hour Sampling Notification

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 387968

QUESTIONS

Operator: RIDGEWAY ARIZONA OIL CORP. 575 N. Dairy Ashford Houston, TX 77079	OGRID: 164557
	Action Number: 387968
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nDHR1912756170
Incident Name	NDHR1912756170 JENNIFER CHAVEROO SA UNIT #361H @ 30-041-20978
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-041-20978] JENNIFER CHAVEROO SA UNIT #361H

Location of Release Source	
Site Name	JENNIFER CHAVEROO SA UNIT #361H
Date Release Discovered	04/13/2019
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	600
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/01/2024
Time sampling will commence	02:00 PM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	33.671764, -103.526251

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
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 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 387968

CONDITIONS

Operator: RIDGEWAY ARIZONA OIL CORP. 575 N. Dairy Ashford Houston, TX 77079	OGRID: 164557
	Action Number: 387968
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
chinojosa	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/27/2024

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 396024

QUESTIONS

Operator: RIDGEWAY ARIZONA OIL CORP. 575 N. Dairy Ashford Houston, TX 77079	OGRID: 164557
	Action Number: 396024
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nDHR1912756170
Incident Name	NDHR1912756170 JENNIFER CHAVEROO SA UNIT #361H @ 30-041-20978
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-041-20978] JENNIFER CHAVEROO SA UNIT #361H

Location of Release Source

Site Name	JENNIFER CHAVEROO SA UNIT #361H
Date Release Discovered	04/13/2019
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/29/2024
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	33.671764, -103.526251

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

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

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

CONDITIONS
 Action 396024

CONDITIONS

Operator: RIDGEWAY ARIZONA OIL CORP. 575 N. Dairy Ashford Houston, TX 77079	OGRID: 164557
	Action Number: 396024
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
chinojosa	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/25/2024



Pima Environmental Services

Appendix D

Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION SITE NAME:

Jennifer Chaveroo SA Unit 361H

Flagging



Photo of site being flagged for excavation facing North.



Photo of site being flagged for excavation facing North.



Photo of site being flagged for excavation facing South.



Photo of site being flagged for excavation facing Southwest.



Photo of site being flagged for excavation facing Southeast.



Photo of site being flagged for excavation facing Southwest.



Photo of site being flagged for excavation facing Northwest.



Photo of site being flagged for excavation facing North.

PHOTOGRAPHIC DOCUMENTATION SITE NAME:

Jennifer Chaveroo SA Unit 361H

Excavation



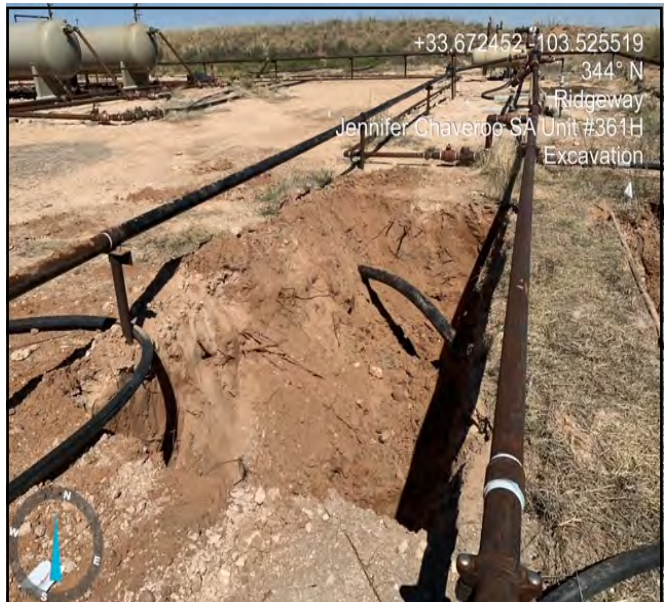
Photograph showing the depth and the progress of the excavation facing North.



Photograph showing the depth and the progress of the excavation facing East.



Photograph showing the depth and the progress of the excavation facing North.



Photograph showing the depth and the progress of the excavation facing North.

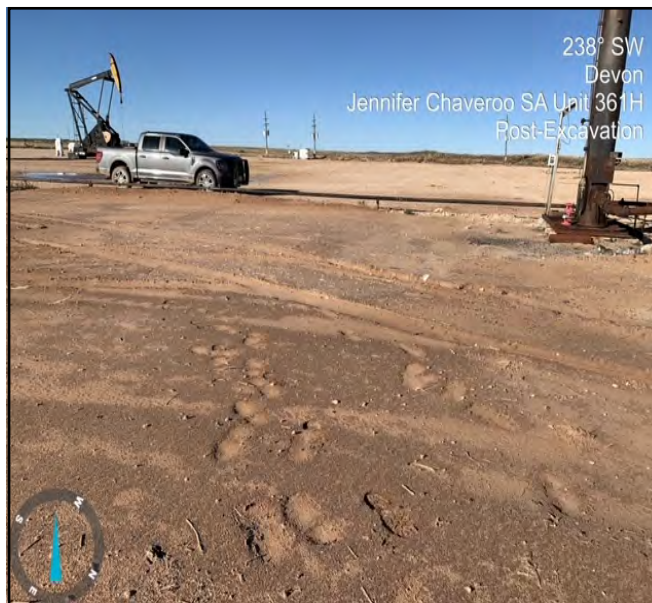
PHOTOGRAPHIC DOCUMENTATION SITE NAME:

Jennifer Chaveroo SA Unit 361H

Post Excavation



Photograph of the excavation backfilled with clean material facing Northeast.



Photograph of the excavation backfilled with clean material facing Southwest.



Photograph of the excavation backfilled with clean material facing Northwest.



Photograph of the excavation backfilled with clean material facing Southwest.



Photograph of the excavation backfilled with clean material facing Southwest.



Photograph of the excavation backfilled with clean material facing Northeast.



Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jennifer SA Unit 361H

Work Order: E402249

Job Number: 21064-0001

Received: 2/27/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/4/24



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Jennifer SA Unit 361H
Workorder: E402249
Date Received: 2/27/2024 5:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/27/2024 5:30:00AM, under the Project Name: Jennifer SA Unit 361H.

The analytical test results summarized in this report with the Project Name: Jennifer SA Unit 361H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

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

Envirotech Web Address: www.envirotech-inc.com

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55

Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 03/04/24 16:43
---	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 -1'	E402249-01A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S1 -2'	E402249-02A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S1 -3'	E402249-03A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S1 -4'	E402249-04A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S2 -1'	E402249-05A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S2 -2'	E402249-06A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S2 -3'	E402249-07A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S2 -4'	E402249-08A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S3 -1'	E402249-09A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S3 -2'	E402249-10A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S3 -3'	E402249-11A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S3 -4'	E402249-12A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S4 -1'	E402249-13A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S4 -2'	E402249-14A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S4 -3'	E402249-15A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S4 -4'	E402249-16A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S5 -1'	E402249-17A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S5 -2'	E402249-18A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S5 -3'	E402249-19A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S5 -4'	E402249-20A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S6 -1'	E402249-21A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S6 -2'	E402249-22A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S6 -3'	E402249-23A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S6 -4'	E402249-24A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S7 -1'	E402249-25A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S7 -2'	E402249-26A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S7 -3'	E402249-27A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
S7 -4'	E402249-28A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
SW1	E402249-29A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
SW2	E402249-30A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
SW3	E402249-31A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
SW4	E402249-32A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
SW5	E402249-33A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
SW6	E402249-34A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
SW7	E402249-35A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
SW8	E402249-36A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
SW9	E402249-37A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
SW10	E402249-38A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.
BG1	E402249-39A	Soil	02/24/24	02/27/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
---	---	--

S1 -1'
E402249-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		81.9 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		81.9 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	73.6	50.0	2	02/28/24	02/29/24	
Oil Range Organics (C28-C36)	128	100	2	02/28/24	02/29/24	
<i>Surrogate: n-Nonane</i>		107 %	50-200	02/28/24	02/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	373	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
---	---	--

S1 -2'

E402249-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.3 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.3 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	02/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	02/29/24	
<i>Surrogate: n-Nonane</i>		121 %	50-200	02/28/24	02/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	204	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S1 -3'

E402249-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		93.9 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		93.9 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	02/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	02/29/24	
<i>Surrogate: n-Nonane</i>		105 %	50-200	02/28/24	02/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	48.1	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S1 -4'

E402249-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.7 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.7 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	02/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	02/29/24	
<i>Surrogate: n-Nonane</i>		102 %	50-200	02/28/24	02/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	1040	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S2 -1'

E402249-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		92.2 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		92.2 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	02/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	02/29/24	
<i>Surrogate: n-Nonane</i>		101 %	50-200	02/28/24	02/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	147	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S2 -2'

E402249-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		89.1 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		89.1 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	02/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	02/29/24	
<i>Surrogate: n-Nonane</i>		104 %	50-200	02/28/24	02/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	40.6	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S2 -3'

E402249-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.5 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.5 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	02/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	02/29/24	
<i>Surrogate: n-Nonane</i>		109 %	50-200	02/28/24	02/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	288	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S2 -4'

E402249-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		83.4 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		83.4 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	02/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	02/29/24	
<i>Surrogate: n-Nonane</i>		96.7 %	50-200	02/28/24	02/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	137	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S3 -1'

E402249-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		89.1 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		89.1 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		97.1 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	61.2	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S3 -2'

E402249-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.9 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.9 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		102 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	27.9	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S3 -3'

E402249-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.4 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.4 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		100 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	ND	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S3 -4'

E402249-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.6 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.6 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		100 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	190	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S4 -1'

E402249-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		119 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		90.0 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		119 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		90.0 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	325	250	10	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	802	500	10	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		115 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	37.0	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S4 -2'

E402249-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		89.7 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		89.7 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	125	5	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	329	250	5	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		121 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	26.6	20.0	1	02/28/24	02/29/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S4 -3'

E402249-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		89.9 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		89.9 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		114 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	91.6	20.0	1	02/28/24	02/29/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S4 -4'

E402249-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		89.1 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		89.1 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		110 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	183	20.0	1	02/28/24	02/29/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S5 -1'

E402249-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.9 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.9 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		96.9 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	78.1	20.0	1	02/28/24	02/29/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S5 -2'

E402249-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.8 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.8 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		99.6 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	150	20.0	1	02/28/24	02/29/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S5 -3'

E402249-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.2 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		88.2 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		110 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	154	20.0	1	02/28/24	02/29/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S5 -4'

E402249-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		94.1 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		94.7 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		94.1 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		94.7 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		100 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409049
Chloride	182	20.0	1	02/28/24	02/29/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S6 -1'

E402249-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.1 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.1 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		111 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	51.2	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S6 -2'

E402249-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.4 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.4 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	54.8	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		106 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	237	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S6 -3'

E402249-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		86.6 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		86.6 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		100 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	227	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S6 -4'

E402249-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.3 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.3 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		99.7 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	59.5	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S7 -1'

E402249-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.1 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.1 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		92.4 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	461	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S7 -2'

E402249-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.3 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.3 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		102 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	974	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S7 -3'

E402249-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.0 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.0 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		99.6 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	389	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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S7 -4'

E402249-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.1 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.1 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		104 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	165	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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SW1

E402249-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.6 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.6 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		101 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	ND	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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SW2

E402249-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.8 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.8 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		103 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	ND	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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SW3

E402249-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.7 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.7 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		107 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	ND	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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SW4

E402249-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.2 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.2 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		107 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	ND	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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SW5

E402249-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.7 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.7 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		110 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	ND	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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SW6

E402249-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.0 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.0 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		107 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	ND	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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SW7

E402249-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.4 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.4 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		104 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	ND	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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SW8

E402249-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.0 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.0 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		63.6 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	ND	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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SW9

E402249-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.8 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.8 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		67.4 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	ND	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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**SW10
E402249-38**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		100 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	ND	20.0	1	02/28/24	02/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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BG1

E402249-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Benzene	ND	0.0250	1	02/27/24	02/29/24	
Ethylbenzene	ND	0.0250	1	02/27/24	02/29/24	
Toluene	ND	0.0250	1	02/27/24	02/29/24	
o-Xylene	ND	0.0250	1	02/27/24	02/29/24	
p,m-Xylene	ND	0.0500	1	02/27/24	02/29/24	
Total Xylenes	ND	0.0250	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.2 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2409027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/24	02/29/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	02/27/24	02/29/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.2 %	70-130	02/27/24	02/29/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/27/24	02/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2409056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/24	03/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/24	03/01/24	
<i>Surrogate: n-Nonane</i>		99.0 %	50-200	02/28/24	03/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2409052
Chloride	ND	20.0	1	02/28/24	02/28/24	



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2409026-BLK1)

Prepared: 02/27/24 Analyzed: 02/29/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.456		0.500		91.1		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100		70-130		
Surrogate: Toluene-d8	0.469		0.500		93.7		70-130		

LCS (2409026-BS1)

Prepared: 02/27/24 Analyzed: 02/29/24

Benzene	2.63	0.0250	2.50		105		70-130		
Ethylbenzene	2.21	0.0250	2.50		88.6		70-130		
Toluene	2.04	0.0250	2.50		81.5		70-130		
o-Xylene	2.22	0.0250	2.50		88.8		70-130		
p,m-Xylene	4.29	0.0500	5.00		85.8		70-130		
Total Xylenes	6.51	0.0250	7.50		86.8		70-130		
Surrogate: Bromofluorobenzene	0.526		0.500		105		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102		70-130		
Surrogate: Toluene-d8	0.423		0.500		84.5		70-130		

Matrix Spike (2409026-MS1)

Source: E402249-04

Prepared: 02/27/24 Analyzed: 03/02/24

Benzene	2.92	0.0250	2.50	ND	117		48-131		
Ethylbenzene	2.31	0.0250	2.50	ND	92.3		45-135		
Toluene	2.28	0.0250	2.50	ND	91.3		48-130		
o-Xylene	2.36	0.0250	2.50	ND	94.3		43-135		
p,m-Xylene	4.56	0.0500	5.00	ND	91.1		43-135		
Total Xylenes	6.91	0.0250	7.50	ND	92.2		43-135		
Surrogate: Bromofluorobenzene	0.520		0.500		104		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.523		0.500		105		70-130		
Surrogate: Toluene-d8	0.441		0.500		88.2		70-130		

Matrix Spike Dup (2409026-MSD1)

Source: E402249-04

Prepared: 02/27/24 Analyzed: 03/02/24

Benzene	2.94	0.0250	2.50	ND	118	48-131	0.921	23	
Ethylbenzene	2.37	0.0250	2.50	ND	94.6	45-135	2.53	27	
Toluene	2.35	0.0250	2.50	ND	94.2	48-130	3.08	24	
o-Xylene	2.44	0.0250	2.50	ND	97.7	43-135	3.52	27	
p,m-Xylene	4.76	0.0500	5.00	ND	95.1	43-135	4.29	27	
Total Xylenes	7.20	0.0250	7.50	ND	96.0	43-135	4.03	27	
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.449		0.500		89.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2409027-BLK1)

Prepared: 02/27/24 Analyzed: 02/29/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.7	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

LCS (2409027-BS1)

Prepared: 02/27/24 Analyzed: 02/29/24

Benzene	2.55	0.0250	2.50		102	70-130			
Ethylbenzene	2.65	0.0250	2.50		106	70-130			
Toluene	2.54	0.0250	2.50		102	70-130			
o-Xylene	2.59	0.0250	2.50		104	70-130			
p,m-Xylene	5.12	0.0500	5.00		102	70-130			
Total Xylenes	7.71	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.561		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			

Matrix Spike (2409027-MS1)

Source: E402249-23

Prepared: 02/27/24 Analyzed: 02/29/24

Benzene	2.51	0.0250	2.50	ND	100	48-131			
Ethylbenzene	2.65	0.0250	2.50	ND	106	45-135			
Toluene	2.53	0.0250	2.50	ND	101	48-130			
o-Xylene	2.66	0.0250	2.50	ND	106	43-135			
p,m-Xylene	5.23	0.0500	5.00	ND	105	43-135			
Total Xylenes	7.89	0.0250	7.50	ND	105	43-135			
Surrogate: Bromofluorobenzene	0.556		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike Dup (2409027-MSD1)

Source: E402249-23

Prepared: 02/27/24 Analyzed: 02/29/24

Benzene	2.48	0.0250	2.50	ND	99.1	48-131	1.40	23	
Ethylbenzene	2.61	0.0250	2.50	ND	104	45-135	1.73	27	
Toluene	2.47	0.0250	2.50	ND	98.9	48-130	2.38	24	
o-Xylene	2.60	0.0250	2.50	ND	104	43-135	2.01	27	
p,m-Xylene	5.13	0.0500	5.00	ND	103	43-135	1.92	27	
Total Xylenes	7.74	0.0250	7.50	ND	103	43-135	1.95	27	
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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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 (2409026-BLK1)

Prepared: 02/27/24 Analyzed: 02/29/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.456		0.500		91.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.7	70-130			

LCS (2409026-BS2)

Prepared: 02/27/24 Analyzed: 02/29/24

Gasoline Range Organics (C6-C10)	38.8	20.0	50.0		77.7	70-130			
Surrogate: Bromofluorobenzene	0.483		0.500		96.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.456		0.500		91.1	70-130			

Matrix Spike (2409026-MS2)

Source: E402249-04

Prepared: 02/27/24 Analyzed: 02/29/24

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.0	70-130			
Surrogate: Bromofluorobenzene	0.589		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.450		0.500		89.9	70-130			

Matrix Spike Dup (2409026-MSD2)

Source: E402249-04

Prepared: 02/27/24 Analyzed: 03/02/24

Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.8	70-130	14.4	20	
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.454		0.500		90.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2409027-BLK1)

Prepared: 02/27/24 Analyzed: 02/29/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.7	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

LCS (2409027-BS2)

Prepared: 02/27/24 Analyzed: 02/29/24

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			

Matrix Spike (2409027-MS2)

Source: E402249-23

Prepared: 02/27/24 Analyzed: 02/29/24

Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130			
Surrogate: Bromofluorobenzene	0.556		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

Matrix Spike Dup (2409027-MSD2)

Source: E402249-23

Prepared: 02/27/24 Analyzed: 02/29/24

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.8	70-130	0.449	20	
Surrogate: Bromofluorobenzene	0.563		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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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 (2409042-BLK1)

Prepared: 02/28/24 Analyzed: 02/29/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.4		50.0		111	50-200			

LCS (2409042-BS1)

Prepared: 02/28/24 Analyzed: 02/29/24

Diesel Range Organics (C10-C28)	310	25.0	250		124	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			

Matrix Spike (2409042-MS1)

Source: E402249-05

Prepared: 02/28/24 Analyzed: 02/29/24

Diesel Range Organics (C10-C28)	321	25.0	250	ND	129	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			

Matrix Spike Dup (2409042-MSD1)

Source: E402249-05

Prepared: 02/28/24 Analyzed: 02/29/24

Diesel Range Organics (C10-C28)	318	25.0	250	ND	127	38-132	1.00	20	
Surrogate: n-Nonane	52.2		50.0		104	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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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 (2409056-BLK1)

Prepared: 02/28/24 Analyzed: 03/01/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			

LCS (2409056-BS1)

Prepared: 02/28/24 Analyzed: 03/01/24

Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	49.2		50.0		98.5	50-200			

Matrix Spike (2409056-MS1)

Source: E402249-24

Prepared: 02/28/24 Analyzed: 03/01/24

Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132			
Surrogate: n-Nonane	49.6		50.0		99.3	50-200			

Matrix Spike Dup (2409056-MSD1)

Source: E402249-24

Prepared: 02/28/24 Analyzed: 03/01/24

Diesel Range Organics (C10-C28)	286	25.0	250	ND	115	38-132	3.55	20	
Surrogate: n-Nonane	48.7		50.0		97.4	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2409049-BLK1)

Prepared: 02/28/24 Analyzed: 02/28/24

Chloride ND 20.0

LCS (2409049-BS1)

Prepared: 02/28/24 Analyzed: 02/28/24

Chloride 260 20.0 250 104 90-110

Matrix Spike (2409049-MS1)

Source: E402249-01

Prepared: 02/28/24 Analyzed: 02/28/24

Chloride 597 20.0 250 373 89.7 80-120

Matrix Spike Dup (2409049-MSD1)

Source: E402249-01

Prepared: 02/28/24 Analyzed: 02/28/24

Chloride 605 20.0 250 373 93.0 80-120 1.38 20



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer SA Unit 361H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 3/4/2024 4:43:15PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2409052-BLK1)

Prepared: 02/28/24 Analyzed: 02/28/24

Chloride ND 20.0

LCS (2409052-BS1)

Prepared: 02/28/24 Analyzed: 02/28/24

Chloride 274 20.0 250 109 90-110

Matrix Spike (2409052-MS1)

Source: E402249-23

Prepared: 02/28/24 Analyzed: 02/28/24

Chloride 473 20.0 250 227 98.2 80-120

Matrix Spike Dup (2409052-MSD1)

Source: E402249-23

Prepared: 02/28/24 Analyzed: 02/28/24

Chloride 489 20.0 250 227 105 80-120 3.38 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:	Jennifer SA Unit 361H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/04/24 16:43

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Information

Chain of Custody

Page 1 of 4

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT			EPA Program						
Project: Jennifer SA Unit 361 H		Attention: Ridgeway		Lab WO# E 402249		Job Number 21064-0001			1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum		Address:		Analysis and Method									RCRA		
Address: 5614 N. Lovington Hwy.		City, State, Zip		DRO/DRO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010		Chloride 300.0	
City, State, Zip Hobbs, NM, 88240		Phone:		BGDOC NM		BGDOC TX									
Phone: 580-748-1613		Email:		State		NM		CO		UT		AZ		TX	
Email: tom@pimaoil.com		Pima Project # 7-4		Remarks											
Report due by:															

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:20	8/24	S		S1-1'	1							X		
8:24				S1-2'	2									
8:38				S1-3'	3									
8:46				S1-4'	4									
8:59				S2-1'	5									
9:03				S2-2'	6									
9:11				S2-3'	7									
9:28				S2-4'	8									
9:35				S3-1'	9									
9:46				S3-2'	10									

Additional Instructions: Bill to Pima Environmental

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) <i>Kyrine Adams</i>		Date: 2-26-24	Time: 1330	Received by: (Signature) <i>[Signature]</i>		Date: 2-26-24	Time: 1330	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. Lab Use Only Received on ice: 0 / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Relinquished by: (Signature) <i>[Signature]</i>		Date: 2-26-24	Time: 1345	Received by: (Signature) <i>Andrew Meso</i>		Date: 2-26-24	Time: 1630	
Relinquished by: (Signature) <i>Andrew Meso</i>		Date: 2-26-24	Time: 2300	Received by: (Signature) <i>Hyungh K Hall</i>		Date: 2-27-24	Time: 0530	

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: Jennifer SA Unit 361 H 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: Ridgeway Address: City, State, Zip: Phone: Email: Pima Project # 7-4		Lab Use Only Lab WO# E402249 Job Number 21064-0001		TAT 1D 2D 3D Standard X			EPA Program CWA SDWA RCRA			
					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					State NM CO UT AZ TX X		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:52	2/24	S		S3-3'	11							X		
10:11				S3-4'	12									
10:25				S4-1'	13									
10:33				S4-2'	14									
10:39				S4-3'	15									
10:45				S4-4'	16									
10:51				S5-1'	17									
11:16				S5-2'	18									
11:23				S5-3'	19									
11:38				S5-4'	20									

Additional Instructions: Bill to Pima Environmental

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 Adams Date 2-26-24 Time 1330				Received by: (Signature) Andrew M... Date 2-26-24 Time 1330				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) Andrew M... Date 2-26-24 Time 1545				Received by: (Signature) Andrew M... Date 2-26-24 Time 1630				Lab Use Only Received on ice: <input checked="" type="checkbox"/> / N	
Relinquished by: (Signature) Andrew M... Date 2-26-24 Time 2300				Received by: (Signature) Andrew M... Date 2-27-24 Time 0530				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.



Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program									
Project: Jennifer SA Unit 361 #		Attention: Ridgeway		Lab WO# E 40 2249		Job Number 21064-0001		1D	2D	3D	Standard	CWA	SDWA				
Project Manager: Tom Bynum		Address:		City, State, Zip		Phone:		Analysis and Method		RCRA		State					
Address: 5614 N. Lovington Hwy.		City, State, Zip Hobbs, NM, 88240		Pima Project # 7-4		DRO/DRO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8250					
Phone: 580-748-1613		Email: tom@pimaoil.com		Report due by:		Metals 6010		Chloride 300.0		BGDOC NM		BGDOC TX					
												NM		CO	UT	AZ	TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8250	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:46	2/24	S		S6-1'	21							X		
11:57				S6-2'	22									
12:06				S6-3'	23									
12:17				S6-4'	24									
12:24				S7-1'	25									
12:33				S7-2'	26									
12:48				S7-3'	27									
12:56				S7-4'	28									
1:10				SW1	29									
1:21				SW2	30									

Additional Instructions: Bill to Pima Environmental

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) <i>Kurime Adams</i>	Date 2-26-24	Time 1330	Received by: (Signature) <i>[Signature]</i>	Date 2-26-24	Time 1330	Lab Use Only
Relinquished by: (Signature) <i>[Signature]</i>	Date 2-26-24	Time 1545	Received by: (Signature) <i>Andrew M. B. B.</i>	Date 2-26-24	Time 1630	Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Relinquished by: (Signature) <i>Andrew M. B. B.</i>	Date 2-26-24	Time 2300	Received by: (Signature) <i>Highly H. Hall</i>	Date 2-27-24	Time 0530	T1 _____ T2 _____ T3 _____

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

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



Project Information

Chain of Custody

Page 4 of 4

Client: Pima Environmental Services Project: <u>Jennifer SA Unit 361 H</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>Ridgeway</u> Address: City, State, Zip Phone: Email: Pima Project # <u>7-4</u>		Lab Use Only Lab WO# <u>E 402249</u> Job Number <u>21064-0001</u> 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 <u>X</u>		EPA Program CWA SDWA RCRA State NM CO UT AZ TX	
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1:30	2/24	S		SW3	31							X		
1:36				SW4	32									
1:41				SW5	33									
1:48				SW6	34									
2:06				SW7	35									
2:19				SW8	36									
2:21				SW9	37									
2:36				SW10	38									
2:49				BG1	39									

Additional Instructions: Bill to Pima Environmental

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

Relinquished by: (Signature) <u>Varine Adams</u> Date <u>2.26.24</u> Time <u>1330</u>				Received by: (Signature) <u>[Signature]</u> Date <u>2.26.24</u> Time <u>1330</u>				Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.			
Relinquished by: (Signature) <u>[Signature]</u> Date <u>2.26.24</u> Time <u>1545</u>				Received by: (Signature) <u>Andrew Morris</u> Date <u>2.26.24</u> Time <u>1630</u>				Lab Use Only Received on ice: <u>Y</u> / N			
Relinquished by: (Signature) <u>Andrew Morris</u> Date <u>2.26.24</u> Time <u>2300</u>				Received by: (Signature) <u>Ridgeway R Hill</u> Date <u>2-27-24</u> Time <u>0530</u>				T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>			

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



Envirotech Analytical Laboratory

Printed: 2/28/2024 10:54:06AM

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: 02/27/24 05:30 Work Order ID: E402249
Phone: (575) 631-6977 Date Logged In: 02/26/24 16:44 Logged In By: Alexa Michaels
Email: tom@pimaoil.com Due Date: 03/04/24 17:00 (4 day TAT)

Chain of Custody (COC)

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

Carrier: Courier

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

Comments/Resolution

Sampled by and No.of containers are not documented on COC by client

Sample Container

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

Field Label

- 20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

[Empty box for Client Instruction]

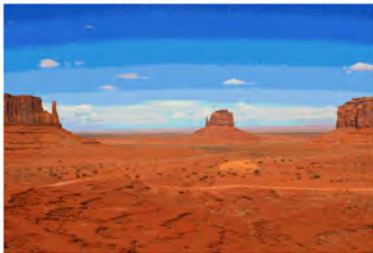
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jennifer Chaveroo SA Unit #361H

Work Order: E410042

Job Number: 21064-0001

Received: 10/7/2024

Revision: 0

Report Reviewed By:

Draft

Walter Hinchman
Laboratory Director
10/7/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 10/7/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Jennifer Chaveroo SA Unit #361H
Workorder: E410042
Date Received: 10/7/2024 5:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/7/2024 5:00:00AM, under the Project Name: Jennifer Chaveroo SA Unit #361H.

The analytical test results summarized in this report with the Project Name: Jennifer Chaveroo SA Unit #361H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
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Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 10/07/24 14:44
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-5'	E410042-01A	Soil	10/02/24	10/07/24	Glass Jar, 2 oz.
CS4- 3'	E410042-02A	Soil	10/02/24	10/07/24	Glass Jar, 2 oz.
CS7- 3'	E410042-03A	Soil	10/02/24	10/07/24	Glass Jar, 2 oz.
CSW1 COMP	E410042-04A	Soil	10/02/24	10/07/24	Glass Jar, 2 oz.
CSW4 COMP	E410042-05A	Soil	10/02/24	10/07/24	Glass Jar, 2 oz.
CSW7 COMP	E410042-06A	Soil	10/02/24	10/07/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 10/7/2024 2:44:47PM
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CS1-5'

E410042-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Benzene	ND	0.0250	1	10/07/24	10/07/24	
Ethylbenzene	ND	0.0250	1	10/07/24	10/07/24	
Toluene	ND	0.0250	1	10/07/24	10/07/24	
o-Xylene	ND	0.0250	1	10/07/24	10/07/24	
p,m-Xylene	ND	0.0500	1	10/07/24	10/07/24	
Total Xylenes	ND	0.0250	1	10/07/24	10/07/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/24	10/07/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.2 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2441003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/07/24	10/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/07/24	10/07/24	
<i>Surrogate: n-Nonane</i>		97.9 %	50-200	10/07/24	10/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: WF		Batch: 2441002
Chloride	154	20.0	1	10/07/24	10/07/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 10/7/2024 2:44:47PM
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CS4- 3'

E410042-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Benzene	ND	0.0250	1	10/07/24	10/07/24	
Ethylbenzene	ND	0.0250	1	10/07/24	10/07/24	
Toluene	ND	0.0250	1	10/07/24	10/07/24	
o-Xylene	ND	0.0250	1	10/07/24	10/07/24	
p,m-Xylene	ND	0.0500	1	10/07/24	10/07/24	
Total Xylenes	ND	0.0250	1	10/07/24	10/07/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.6 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/24	10/07/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.9 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2441003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/07/24	10/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/07/24	10/07/24	
<i>Surrogate: n-Nonane</i>		95.5 %	50-200	10/07/24	10/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: WF		Batch: 2441002
Chloride	56.1	20.0	1	10/07/24	10/07/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 10/7/2024 2:44:47PM
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CS7- 3'

E410042-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Benzene	ND	0.0250	1	10/07/24	10/07/24	
Ethylbenzene	ND	0.0250	1	10/07/24	10/07/24	
Toluene	ND	0.0250	1	10/07/24	10/07/24	
o-Xylene	ND	0.0250	1	10/07/24	10/07/24	
p,m-Xylene	ND	0.0500	1	10/07/24	10/07/24	
Total Xylenes	ND	0.0250	1	10/07/24	10/07/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/24	10/07/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2441003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/07/24	10/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/07/24	10/07/24	
<i>Surrogate: n-Nonane</i>		101 %	50-200	10/07/24	10/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: WF		Batch: 2441002
Chloride	109	20.0	1	10/07/24	10/07/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 10/7/2024 2:44:47PM
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CSW1 COMP

E410042-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Benzene	ND	0.0250	1	10/07/24	10/07/24	
Ethylbenzene	ND	0.0250	1	10/07/24	10/07/24	
Toluene	ND	0.0250	1	10/07/24	10/07/24	
o-Xylene	ND	0.0250	1	10/07/24	10/07/24	
p,m-Xylene	ND	0.0500	1	10/07/24	10/07/24	
Total Xylenes	ND	0.0250	1	10/07/24	10/07/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.6 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/24	10/07/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.6 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2441003
Diesel Range Organics (C10-C28)	48.2	25.0	1	10/07/24	10/07/24	
Oil Range Organics (C28-C36)	79.6	50.0	1	10/07/24	10/07/24	
<i>Surrogate: n-Nonane</i>		105 %	50-200	10/07/24	10/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: WF		Batch: 2441002
Chloride	32.1	20.0	1	10/07/24	10/07/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 10/7/2024 2:44:47PM
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CSW4 COMP

E410042-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Benzene	ND	0.0250	1	10/07/24	10/07/24	
Ethylbenzene	ND	0.0250	1	10/07/24	10/07/24	
Toluene	ND	0.0250	1	10/07/24	10/07/24	
o-Xylene	ND	0.0250	1	10/07/24	10/07/24	
p,m-Xylene	ND	0.0500	1	10/07/24	10/07/24	
Total Xylenes	ND	0.0250	1	10/07/24	10/07/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/24	10/07/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2441003
Diesel Range Organics (C10-C28)	30.9	25.0	1	10/07/24	10/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/07/24	10/07/24	
<i>Surrogate: n-Nonane</i>		96.3 %	50-200	10/07/24	10/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: WF		Batch: 2441002
Chloride	89.9	20.0	1	10/07/24	10/07/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 10/7/2024 2:44:47PM
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CSW7 COMP

E410042-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Benzene	ND	0.0250	1	10/07/24	10/07/24	
Ethylbenzene	ND	0.0250	1	10/07/24	10/07/24	
Toluene	ND	0.0250	1	10/07/24	10/07/24	
o-Xylene	ND	0.0250	1	10/07/24	10/07/24	
p,m-Xylene	ND	0.0500	1	10/07/24	10/07/24	
Total Xylenes	ND	0.0250	1	10/07/24	10/07/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2441007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/24	10/07/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.7 %	70-130	10/07/24	10/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2441003
Diesel Range Organics (C10-C28)	ND	25.0	1	10/07/24	10/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/07/24	10/07/24	
<i>Surrogate: n-Nonane</i>		110 %	50-200	10/07/24	10/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: WF		Batch: 2441002
Chloride	48.6	20.0	1	10/07/24	10/07/24	



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 10/7/2024 2:44:47PM
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Volatile Organics by EPA 8021B

Analyst: BA

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 (2441007-BLK1)

Prepared: 10/07/24 Analyzed: 10/07/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			

LCS (2441007-BS1)

Prepared: 10/07/24 Analyzed: 10/07/24

Benzene	5.44	0.0250	5.00		109	70-130			
Ethylbenzene	5.36	0.0250	5.00		107	70-130			
Toluene	5.43	0.0250	5.00		109	70-130			
o-Xylene	5.37	0.0250	5.00		107	70-130			
p,m-Xylene	10.9	0.0500	10.0		109	70-130			
Total Xylenes	16.3	0.0250	15.0		109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			

LCS Dup (2441007-BSD1)

Prepared: 10/07/24 Analyzed: 10/07/24

Benzene	4.57	0.0250	5.00		91.5	70-130	17.4	20	
Ethylbenzene	4.50	0.0250	5.00		90.0	70-130	17.5	20	
Toluene	4.56	0.0250	5.00		91.2	70-130	17.5	20	
o-Xylene	4.50	0.0250	5.00		89.9	70-130	17.7	20	
p,m-Xylene	9.18	0.0500	10.0		91.8	70-130	17.2	20	
Total Xylenes	13.7	0.0250	15.0		91.2	70-130	17.4	20	
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 10/7/2024 2:44:47PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2441007-BLK1)

Prepared: 10/07/24 Analyzed: 10/07/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			

LCS (2441007-BS2)

Prepared: 10/07/24 Analyzed: 10/07/24

Gasoline Range Organics (C6-C10)	45.1	20.0	50.0		90.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			

LCS Dup (2441007-BSD2)

Prepared: 10/07/24 Analyzed: 10/07/24

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0		96.8	70-130	7.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 10/7/2024 2:44:47PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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 (2441003-BLK1)

Prepared: 10/07/24 Analyzed: 10/07/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.9		50.0		108	50-200			

LCS (2441003-BS1)

Prepared: 10/07/24 Analyzed: 10/07/24

Diesel Range Organics (C10-C28)	228	25.0	250		91.3	38-132			
Surrogate: n-Nonane	50.3		50.0		101	50-200			

Matrix Spike (2441003-MS1)

Source: E410048-01

Prepared: 10/07/24 Analyzed: 10/07/24

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	52.6		50.0		105	50-200			

Matrix Spike Dup (2441003-MSD1)

Source: E410048-01

Prepared: 10/07/24 Analyzed: 10/07/24

Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	38-132	7.89	20	
Surrogate: n-Nonane	54.5		50.0		109	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 10/7/2024 2:44:47PM
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Anions by EPA 300.0/9056A

Analyst: WF

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441002-BLK1)

Prepared: 10/07/24 Analyzed: 10/07/24

Chloride ND 20.0

LCS (2441002-BS1)

Prepared: 10/07/24 Analyzed: 10/07/24

Chloride 257 20.0 250 103 90-110

Matrix Spike (2441002-MS1)

Source: E410041-01

Prepared: 10/07/24 Analyzed: 10/07/24

Chloride 386 200 250 ND 154 80-120 M6

Matrix Spike Dup (2441002-MSD1)

Source: E410041-01

Prepared: 10/07/24 Analyzed: 10/07/24

Chloride 390 200 250 ND 156 80-120 1.09 20 M6

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:	Jennifer Chaveroo SA Unit #361H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/07/24 14:44

M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.

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.



Released to Imaging: 3/17/2025 9:25:10 AM

Project Information

Chain of Custody

Received by OCD: 12/4/2024 11:24:17 AM

Client: Pima Environmental Services Project: Jennifer Chavero SA Unit #361H Project Manager: Gio Gomez Address: 5614 N. Lovington Hwy. City, State, Zip Hobbs, NM, 88240 Phone: 806-782-1151 Email: gio@pimaoil.com Report due by:		Attention: <u>Ridge Way</u> Address: _____ City, State, Zip _____ Phone: _____ Email: _____ Pima Project # <u>7-4</u>		Lab Use Only Lab WO# <u>E410042</u> Job Number <u>210640001</u>		TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>		EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/>	
		Analysis and Method DRO/ORO by 8015 <input type="checkbox"/> GRO/DRO by 8015 <input type="checkbox"/> BTEX by 8021 <input type="checkbox"/> VOC by 8260 <input type="checkbox"/> Metals 6010 <input type="checkbox"/> Chloride 300.0 <input type="checkbox"/> BGDOC NM <input checked="" type="checkbox"/> BGDOC TX <input type="checkbox"/>		RCRA <input type="checkbox"/>		State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>		Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:30	10/2	S		CS1-2 1/2	1							X		
8:46				CS4-2 1/2	2									
8:59				CS7-2 1/2	3									
9:11				CSW1 Comp.	4									
9:38				CSW4 Comp.	5									
9:51				CSW7 Comp.	6									

Additional Instructions: Bill to Pima

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) <u>Karime Adame</u> Date <u>10.4.24</u> Time <u>1100</u>				Received by: (Signature) <u>[Signature]</u> Date <u>10.4.24</u> Time <u>1100</u>		Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
Relinquished by: (Signature) <u>[Signature]</u> Date <u>10.4.24</u> Time <u>1430</u>				Received by: (Signature) <u>[Signature]</u> Date <u>10.4.24</u> Time <u>1600</u>		T1 _____ T2 _____ T3 _____	
Relinquished by: (Signature) <u>[Signature]</u> Date <u>10.4.24</u> Time <u>2230</u>				Received by: (Signature) <u>[Signature]</u> Date <u>10.7.24</u> Time <u>0500</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.



Page 117 of 138

Envirotech Analytical Laboratory

Printed: 10/7/2024 8:55:04AM

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: 10/07/24 05:00 Work Order ID: E410042
Phone: (575) 631-6977 Date Logged In: 10/04/24 13:42 Logged In By: Raina Schwanz
Email: gio@pimaoil.com Due Date: 10/07/24 17:00 (0 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for Client Instruction

Comments/Resolution

Large empty box for Comments/Resolution

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

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jennifer Chaveroo SA Unit #361H

Work Order: E410391

Job Number: 21064-0001

Received: 11/1/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/7/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 11/7/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Jennifer Chaveroo SA Unit #361H
Workorder: E410391
Date Received: 11/1/2024 7:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/1/2024 7:00:00AM, under the Project Name: Jennifer Chaveroo SA Unit #361H.

The analytical test results summarized in this report with the Project Name: Jennifer Chaveroo SA Unit #361H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Laboratory Administrator
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Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 11/07/24 14:45
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW1-Comp.	E410391-01A	Soil	10/31/24	11/01/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 11/7/2024 2:45:11PM
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CSW1-Comp. E410391-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444150
Benzene	ND	0.0250	1	11/01/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/05/24	
Toluene	ND	0.0250	1	11/01/24	11/05/24	
o-Xylene	ND	0.0250	1	11/01/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/05/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		90.7 %	70-130	11/01/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444150
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	11/01/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444147
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/04/24	
<i>Surrogate: n-Nonane</i>						
		92.1 %	50-200	11/01/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445023
Chloride	ND	20.0	1	11/04/24	11/04/24	



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 11/7/2024 2:45:11PM
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Volatile Organics by EPA 8021B

Analyst: SL

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 (2444150-BLK1)

Prepared: 11/01/24 Analyzed: 11/05/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130			

LCS (2444150-BS1)

Prepared: 11/01/24 Analyzed: 11/05/24

Benzene	4.80	0.0250	5.00		96.0	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.7	70-130			
Toluene	4.84	0.0250	5.00		96.8	70-130			
o-Xylene	4.79	0.0250	5.00		95.8	70-130			
p,m-Xylene	9.74	0.0500	10.0		97.4	70-130			
Total Xylenes	14.5	0.0250	15.0		96.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.2	70-130			

LCS Dup (2444150-BSD1)

Prepared: 11/01/24 Analyzed: 11/05/24

Benzene	4.72	0.0250	5.00		94.3	70-130	1.72	20	
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130	1.78	20	
Toluene	4.76	0.0250	5.00		95.2	70-130	1.69	20	
o-Xylene	4.72	0.0250	5.00		94.4	70-130	1.49	20	
p,m-Xylene	9.56	0.0500	10.0		95.6	70-130	1.80	20	
Total Xylenes	14.3	0.0250	15.0		95.2	70-130	1.70	20	
Surrogate: 4-Bromochlorobenzene-PID	7.26		8.00		90.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 11/7/2024 2:45:11PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2444150-BLK1)

Prepared: 11/01/24 Analyzed: 11/05/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			

LCS (2444150-BS2)

Prepared: 11/01/24 Analyzed: 11/05/24

Gasoline Range Organics (C6-C10)	40.4	20.0	50.0		80.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

LCS Dup (2444150-BSD2)

Prepared: 11/01/24 Analyzed: 11/05/24

Gasoline Range Organics (C6-C10)	40.9	20.0	50.0		81.7	70-130	1.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 11/7/2024 2:45:11PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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 (2444147-BLK1)

Prepared: 11/01/24 Analyzed: 11/04/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			

LCS (2444147-BS1)

Prepared: 11/01/24 Analyzed: 11/04/24

Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132			
Surrogate: n-Nonane	50.5		50.0		101	50-200			

LCS Dup (2444147-BSD1)

Prepared: 11/01/24 Analyzed: 11/04/24

Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132	0.262	20	
Surrogate: n-Nonane	53.5		50.0		107	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jennifer Chaveroo SA Unit #361H Project Number: 21064-0001 Project Manager: Gio Gomez	Reported: 11/7/2024 2:45:11PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2445023-BLK1)

Prepared: 11/04/24 Analyzed: 11/04/24

Chloride	ND	20.0							
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LCS (2445023-BS1)

Prepared: 11/04/24 Analyzed: 11/04/24

Chloride	259	20.0	250		104	90-110			
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LCS Dup (2445023-BSD1)

Prepared: 11/04/24 Analyzed: 11/04/24

Chloride	255	20.0	250		102	90-110	1.53	20	
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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:	Jennifer Chaveroo SA Unit #361H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/07/24 14:45

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.



Envirotech Analytical Laboratory

Printed: 11/1/2024 9:16:28AM

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:	11/01/24 07:00	Work Order ID:	E410391
Phone:	(575) 631-6977	Date Logged In:	10/31/24 15:51	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	11/07/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Carrier: Courier

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

Comments/Resolution

No of containers and sampled by are missing on COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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

QUESTIONS

Action 408489

QUESTIONS

Operator: RIDGEWAY ARIZONA OIL CORP. 575 N. Dairy Ashford Houston, TX 77079	OGRID: 164557
	Action Number: 408489
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nDHR1912756170
Incident Name	NDHR1912756170 JENNIFER CHAVEROO SA UNIT #361H @ 30-041-20978
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-041-20978] JENNIFER CHAVEROO SA UNIT #361H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	JENNIFER CHAVEROO SA UNIT #361H
Date Release Discovered	04/13/2019
Surface Owner	State

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

Nature and Volume of Release	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Injection Crude Oil Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Injection Produced Water Released: 10 BBL Recovered: 0 BBL Lost: 10 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 408489

QUESTIONS (continued)

Operator: RIDGEWAY ARIZONA OIL CORP. 575 N. Dairy Ashford Houston, TX 77079	OGRID: 164557
	Action Number: 408489
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	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	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Charles Hinojosa Title: Operations Manager Email: chinojosa@pedevco.com Date: 12/04/2024
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QUESTIONS, Page 3

Action 408489

QUESTIONS (continued)

Operator: RIDGEWAY ARIZONA OIL CORP. 575 N. Dairy Ashford Houston, TX 77079	OGRID: 164557
	Action Number: 408489
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
<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)	1040
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1127
GRO+DRO (EPA SW-846 Method 8015M)	325
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	10/25/2024
On what date will (or did) the final sampling or liner inspection occur	10/29/2024
On what date will (or was) the remediation complete(d)	10/30/2024
What is the estimated surface area (in square feet) that will be reclaimed	600
What is the estimated volume (in cubic yards) that will be reclaimed	70
What is the estimated surface area (in square feet) that will be remediated	600
What is the estimated volume (in cubic yards) that will be remediated	70

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

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

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QUESTIONS, Page 4

Action 408489

QUESTIONS (continued)

Operator: RIDGEWAY ARIZONA OIL CORP. 575 N. Dairy Ashford Houston, TX 77079	OGRID: 164557
	Action Number: 408489
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	GANDY MARLEY LANDFARM/LANDFILL [FEEM0112338393]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

I hereby agree and sign off to the above statement	Name: Charles Hinojosa Title: Operations Manager Email: chinojosa@pedevco.com Date: 12/04/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 408489

QUESTIONS (continued)

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	Action Number: 408489
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 408489

QUESTIONS (continued)

Operator: RIDGEWAY ARIZONA OIL CORP. 575 N. Dairy Ashford Houston, TX 77079	OGRID: 164557
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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	396024
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/29/2024
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

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	600
What was the total volume (cubic yards) remediated	70
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	600
What was the total volume (in cubic yards) reclaimed	70
Summarize any additional remediation activities not included by answers (above)	Remediation required occurred to clean up to NMOCD standards.

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

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

I hereby agree and sign off to the above statement	Name: Charles Hinojosa Title: Operations Manager Email: chinojosa@pedevco.com Date: 12/04/2024
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Action 408489

QUESTIONS (continued)

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	Action Number: 408489
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	No

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CONDITIONS

Action 408489

CONDITIONS

Operator: RIDGEWAY ARIZONA OIL CORP. 575 N. Dairy Ashford Houston, TX 77079	OGRID: 164557
	Action Number: 408489
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	3/17/2025