

Jayhawk 7 CTB 3

OCD Incident # nAPP2412148467

4/30/2024

| <b><u>Spill Volume(Bbls) Calculator</u></b> |                             |
|---|-----------------------------|
| <i>Inputs in blue, Outputs in red</i>       |                             |
| <b>Contaminated Soil measurement</b>        |                             |
| Area (square feet)                          | Depth(inches)               |
| <u>300</u>                                  | <u>0.500</u>                |
| Cubic Feet of Soil Impacted                 | <u>12.500</u>               |
| Barrels of Soil Impacted                    | <u>2.23</u>                 |
| Soil Type                                   | Clay/Sand                   |
| Barrels of Oil Assuming<br>100% Saturation  | <u>0.33</u>                 |
| Saturation                                  | Fluid present when squeezed |
| Estimated Barrels of Oil<br>Released        | <u>0.17</u>                 |
| <b>Free Standing Fluid Only</b>             |                             |
| Area (square feet)                          | Depth(inches)               |
| <u>300</u>                                  | <u>2.000</u>                |
| Standing fluid                              | <u>8.913</u>                |
| <b><u>Total fluids spilled</u></b>          | <b><u>9.247</u></b>         |



**Pima Environmental Services, LLC**  
**5614 N. Lovington Hwy.**  
**Hobbs, NM 88240**  
**575-964-7740**

June 25, 2024

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

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

**Re: Site Assessment and Closure Report**  
**Jayhawk 7 CTB 3**  
**API : N/A**  
**GPS: Latitude 32.0545445 Longitude -103.506107**  
**UL –J, Section 07, T26S, R34E**  
**Lea County, NM**  
**NMOCD Ref. No. NAPP2412148467**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment and has prepared this Closure Report for a produced water release that occurred at the Jayhawk 7 CTB 3 (Jayhawk ). This incident was assigned Incident IDNAPP2412148467, by the New Mexico Oil Conservation Division (NMOCD).

### Site Characterization

The Jayhawk is located approximately nineteen (19) miles southeast of Jal, NM. This spill site is in Unit J, Section 07, Township 26S, Range 34E, Latitude 32.0545445 Longitude -103.506107, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Alluvial and eolian deposits, and petrocalcic soils of the southern High Plains. Locally includes Qoa. The soil in this area is made up of Berino-Cacique association, hummocky according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Jayhawk (Figure 3).

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04626) ,the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.49 miles away from the Jayhawk, drilled, June 9, 2022. Conversely, as per the United States Geological Survey well water data (USGS320419103302201), the nearest groundwater depth in this region is recorded at 170 feet BGS, situated approximately 1.56 miles away from the Jayhawk, with the last gauge conducted in 2012. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.

**Table 1 NMAC and Closure Criteria 19.15.29**

| Depth to Groundwater (Appendix B) | Constituent & Limits |             |             |          |          |
|-----------------------------------|----------------------|-------------|-------------|----------|----------|
|                                   | Chlorides            | Total TPH   | GRO+DRO     | BTEX     | Benzene  |
| <50'                              | 600 mg/kg            | 100 mg/kg   |             | 50 mg/kg | 10 mg/kg |
| 51-100'(C-04626)                  | 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**

**NAPP2412148467:** On April 30, 2024, a valve on a 3-phase separator formed a pinhole leak. The released fluids were calculated to be approximately 9 barrels (bbls) of produced water. A vacuum truck was able to recover 5 bbls of standing fluid.

**Site Assessment and Soil Sampling Results**

On May 13, 2024, Pima mobilized personnel to the site to begin collecting soil samples from the spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

5-13-24 Soil Sample Results

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') |             |                                |               |           |           |           |                 |          |
|--|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY Jayhawk 7 CTB 3   |             |                                |               |           |           |           |                 |          |
| Date: 5-13-24  |             | 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        | ND        | ND        | 0               | 29.8     |
|  | 2'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| S2   | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | 25.8     |
|  | 2'          | ND                             | ND            | ND        | ND        | ND        | 0               | 88.4     |
|  | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| 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        | 50.1      | 0               | ND       |
| BG1  | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |

ND- Analyte Not Detected

On June 20, 2024, after sending a 48-hour notification, application ID:355059 (Appendix C), Pima returned to the site to collect confirmation samples of the area. The results of this sampling event can be found in the following table. A Confirmation Sample Map can be found in Figure 5.

6-20-24 Soil Sample Results

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') |             |                                |               |           |           |           |                 |          |
|--|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY Jayhawk 7 CTB 3   |             |                                |               |           |           |           |                 |          |
| Date: 6-20-24  |             | 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  | Bottom      | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CS2  | Bottom      | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CSW1   | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | 21.4     |
| CSW2   | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CSW3   | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CSW4   | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CSW5   | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CSW6   | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |

ND- Analyte Not Detected

Complete laboratory results can be found in Appendix D.

The sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, no further remediation activities are required at this time. Based on the well water data from the New Mexico Office of the State Engineer water well (C-04626), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.49 miles away from the Jayhawk, drilled, June 9, 2022.

**Closure Request**

After careful review, Pima requests that this incident, NAPP2412148467, be closed. Devon has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 575-964-7740 or [gio@pimaoil.com](mailto:gio@pimaoil.com).

*Respectfully,*

Gio Gomez



Project Manager

Pima Environmental Services, LLC

**Attachments**

Figures:

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

Appendices:

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



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**Figures:**


1. Locaton Map
2. Topographic Map
3. Karst Map
4. Site Map
5. Confirmation Sample Map

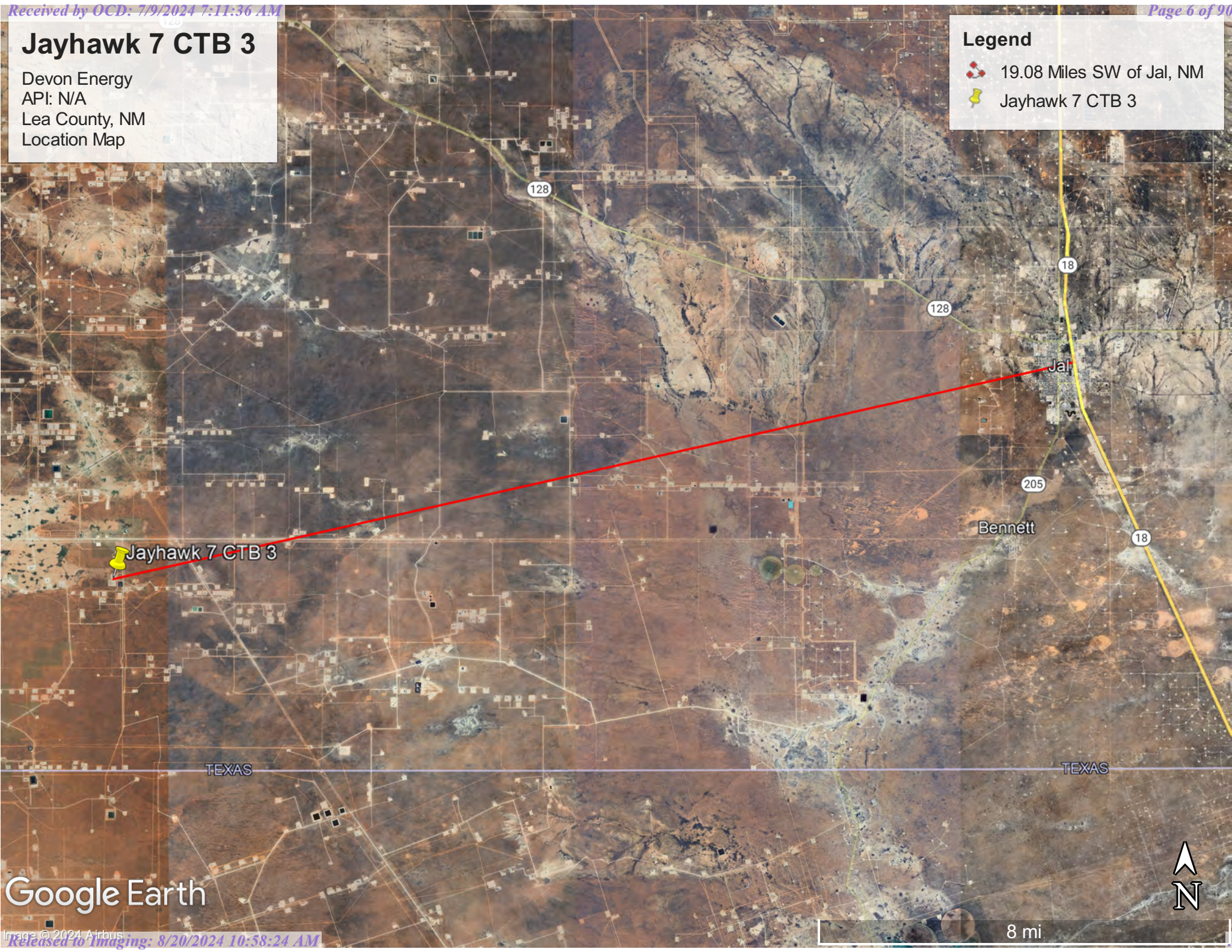
# Jayhawk 7 CTB 3

Devon Energy  
API: N/A  
Lea County, NM  
Location Map

Legend

 19.08 Miles SW of Jal, NM


 Jayhawk 7 CTB 3

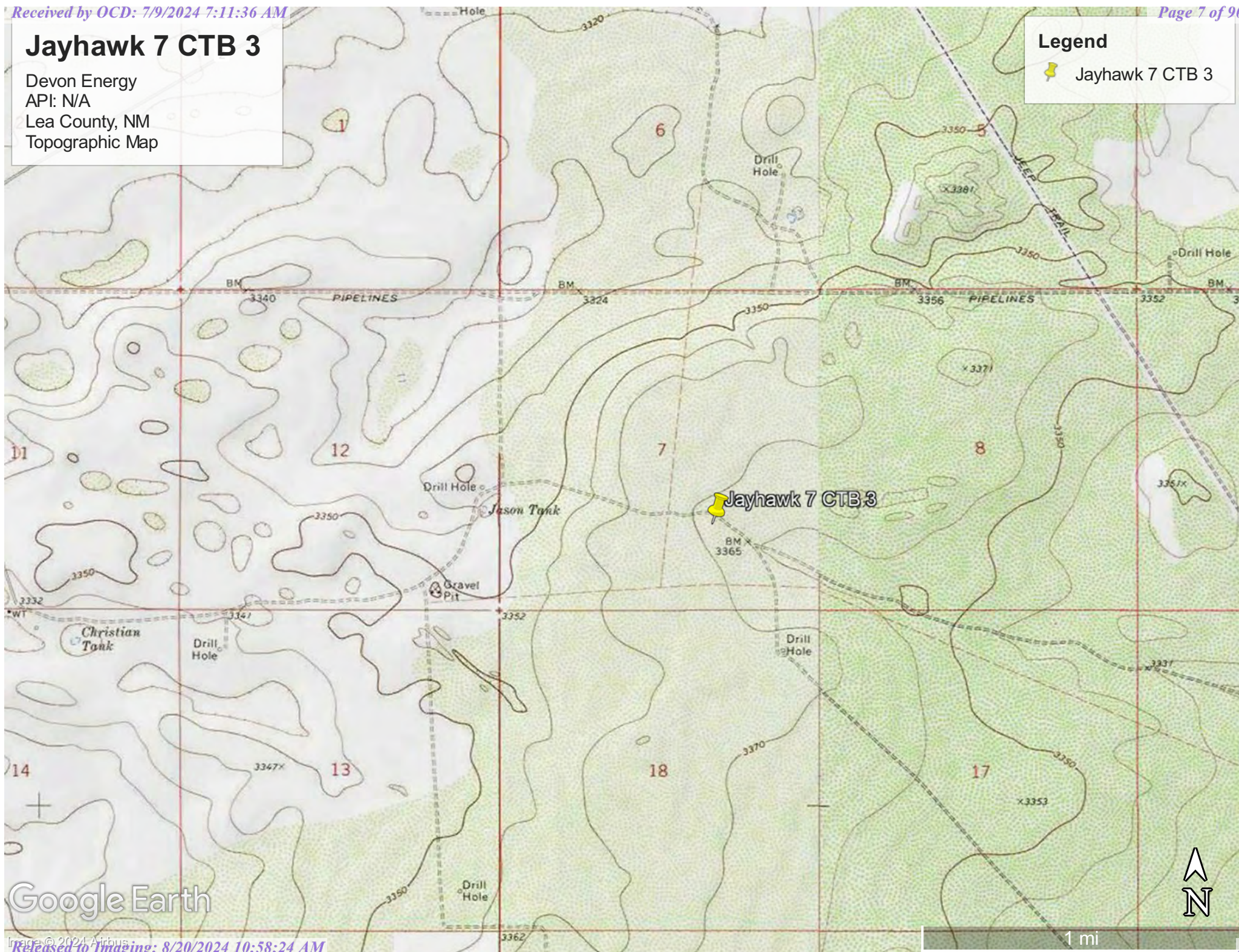


# Jayhawk 7 CTB 3

Devon Energy  
API: N/A  
Lea County, NM  
Topographic Map

## Legend

 Jayhawk 7 CTB 3



Google Earth

# Jayhawk 7 CTB 3

Devon Energy  
API: N/A  
Lea County, NM  
Karst Map

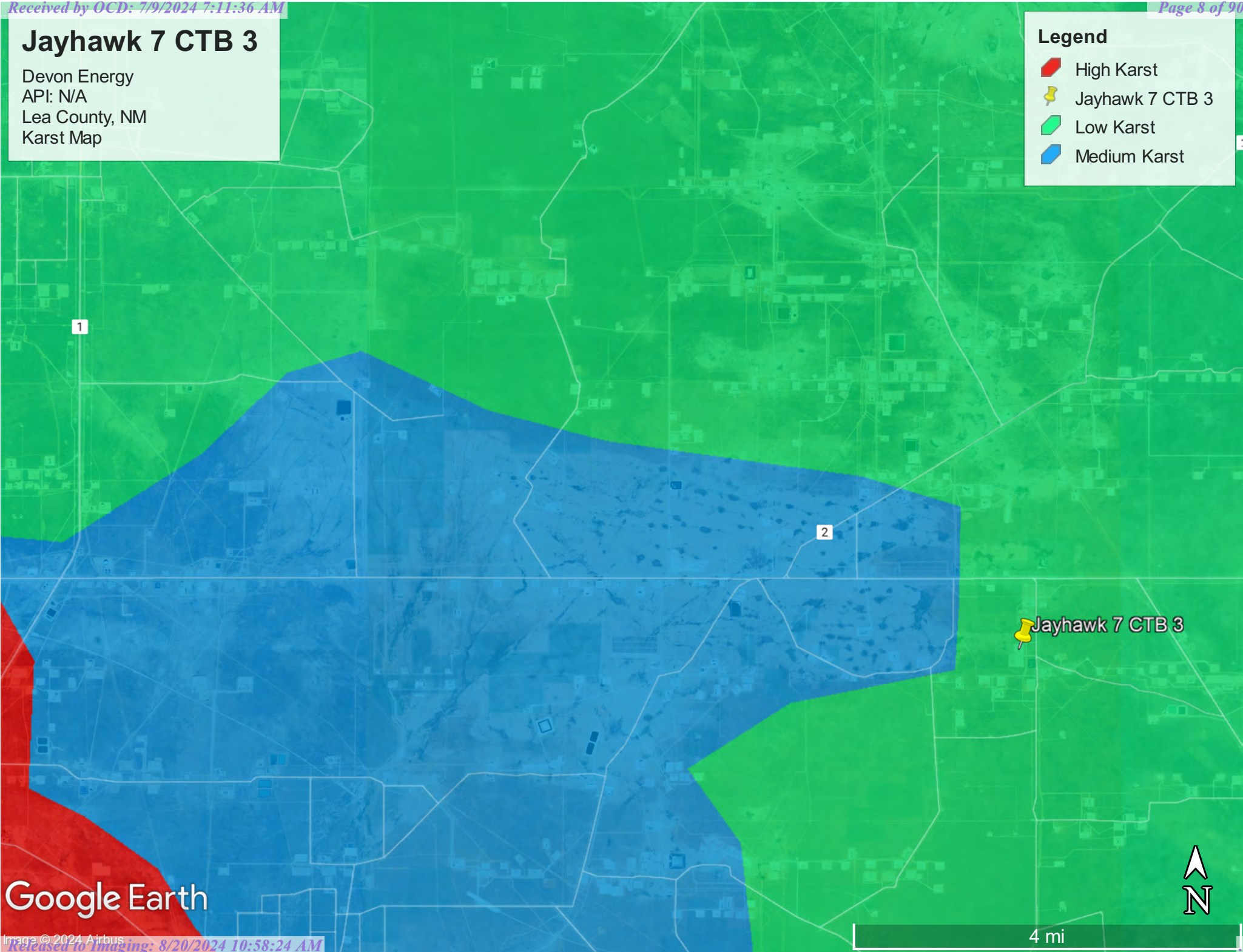
Legend

 High Karst

 Jayhawk 7 CTB 3

 Low Karst

 Medium Karst



Google Earth


# Jayhawk 7 CTB 3

Devon Energy  
API: N/A  
Lea County, NM  
Site Map

## Legend

-  Jayhawk 7 CTB 3
-  Samples
-  Sidewalls/Background
-  80 Sqft Jayhawk 7 CTB 3



 Jayhawk 7 CTB 3

SW2

SW3

S1

SW1

SW4

S2

SW5

SW6

BG1





100 ft

Google Earth

## Jayhawk 7 CTB 3

Devon Energy  
API: N/A  
Lea County, NM  
Confirmation Map


### Legend

-  Confirmation Samples
-  Jayhawk 7 CTB 3

CSW2  
CSW3 CS1 CSW1

CSW4 CS2 CSW6

CSW5

 Jayhawk 7 CTB 3

Google Earth



40 ft



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**Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

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

(In feet)

| POD Number                   | Code | POD Sub-basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X      | Y        | Distance | Depth | Well | Depth | Water Column |
|------------------------------|------|---------------|--------|------|------|-----|-----|-----|-----|--------|----------|----------|-------|------|-------|--------------|
| <a href="#">C 04626 POD1</a> |      | CUB           | LE     | 4    | 2    | 1   | 18  | 26S | 34E | 640644 | 3546672  | 874      |       |      |       |              |
| <a href="#">C 02295</a>      |      | CUB           | LE     | 2    | 2    | 4   | 12  | 26S | 33E | 639865 | 3547624  | 1177     |       | 250  | 200   | 50           |
| <a href="#">C 02292 POD1</a> |      | CUB           | LE     | 4    | 1    | 2   | 06  | 26S | 34E | 640992 | 3549987  | 2530     |       | 200  | 140   | 60           |
| <a href="#">C 03442 POD1</a> |      | C             | LE     | 4    | 1    | 2   | 06  | 26S | 34E | 641056 | 3550028  | 2571     |       | 251  |       |              |
| <a href="#">C 03441 POD1</a> |      | C             | LE     | 4    | 1    | 2   | 06  | 26S | 34E | 640971 | 3550039  | 2583     |       | 250  |       |              |
| <a href="#">C 02291</a>      |      | CUB           | LE     | 1    | 1    | 2   | 06  | 26S | 34E | 640825 | 3550140* | 2690     |       | 220  | 160   | 60           |
| <a href="#">C 04628 POD1</a> |      | CUB           | LE     | 1    | 1    | 2   | 01  | 26S | 33E | 639121 | 3550219  | 3358     |       |      |       |              |
| <a href="#">C 02293</a>      |      | CUB           | LE     | 2    | 2    | 1   | 14  | 26S | 33E | 637501 | 3546975  | 3562     |       | 200  | 135   | 65           |
| <a href="#">C 02294</a>      |      | CUB           | LE     | 4    | 4    | 3   | 11  | 26S | 33E | 637465 | 3547003  | 3593     |       | 200  | 145   | 55           |

Average Depth to Water: **156 feet**

Minimum Depth: **135 feet**

Maximum Depth: **200 feet**

**Record Count:** 9

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

**Easting (X):** 641030.48

**Northing (Y):** 3547456.89

**Radius:** 4000

\*UTM location was derived from PLSS - see Help

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

4/10/24 11:24 AM


WATER COLUMN/ AVERAGE DEPTH TO  
WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

| Well Tag | POD Number   | Q64 | Q16 | Q4 | Sec | Tws | Rng | X      | Y   |
|----------|--------------|-----|-----|----|-----|-----|-----|--------|---|
| NA       | C 04626 POD1 | 4   | 2   | 1  | 18  | 26S | 34E | 640644 | 3546672  |

x

**Driller License:** 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

**Driller Name:** JACKIE ATKINS

**Drill Start Date:** 06/09/2022 **Drill Finish Date:** 06/09/2022 **Plug Date:**

**Log File Date:** 06/16/2022 **PCW Rev Date:** **Source:**

**Pump Type:** **Pipe Discharge Size:** **Estimated Yield:**

**Casing Size:** **Depth Well:** **Depth Water:**

x

| Casing Perforations: | Top | Bottom |
|----------------------|-----|--------|
|                      | 0   | 55     |

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.

4/19/24 1:58 PM

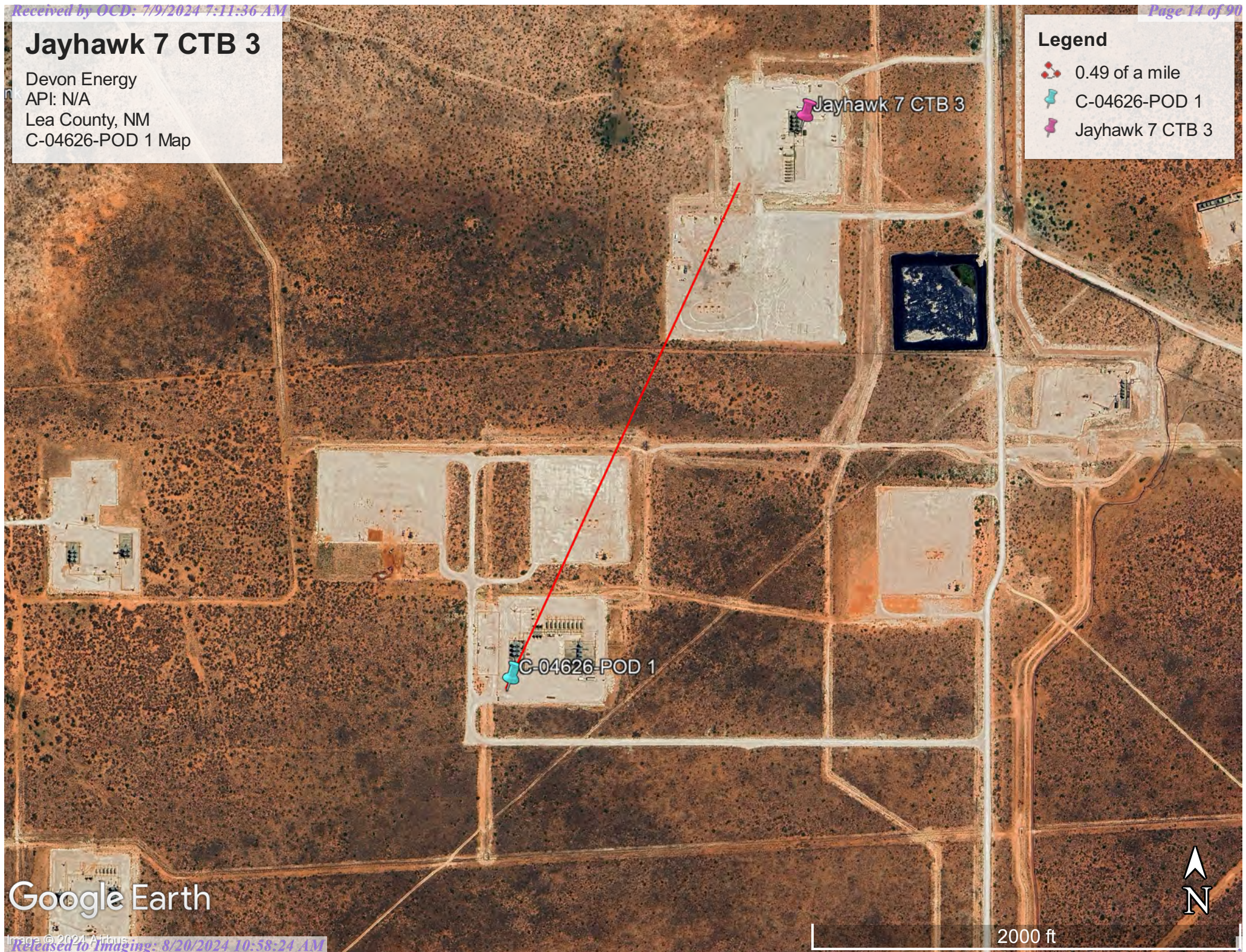
POINT OF DIVERSION SUMMARY

# Jayhawk 7 CTB 3

Devon Energy  
API: N/A  
Lea County, NM  
C-04626-POD 1 Map

## Legend

- 0.49 of a mile
- C-04626-POD 1
- Jayhawk 7 CTB 3



Google Earth

2000 ft



[USGS Home](#)  
[Contact USGS](#)  
[Search USGS](#)

## National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

### Search Results -- 1 sites found

site\_no list =

- 320419103302201

Minimum number of levels = 1

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

### USGS 320419103302201 26S.34E.06.21414

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°04'37.9", Longitude 103°30'20.5" NAD83

Land-surface elevation 3,319.00 feet above NGVD29

The depth of the well is 360 feet below land surface.

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

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

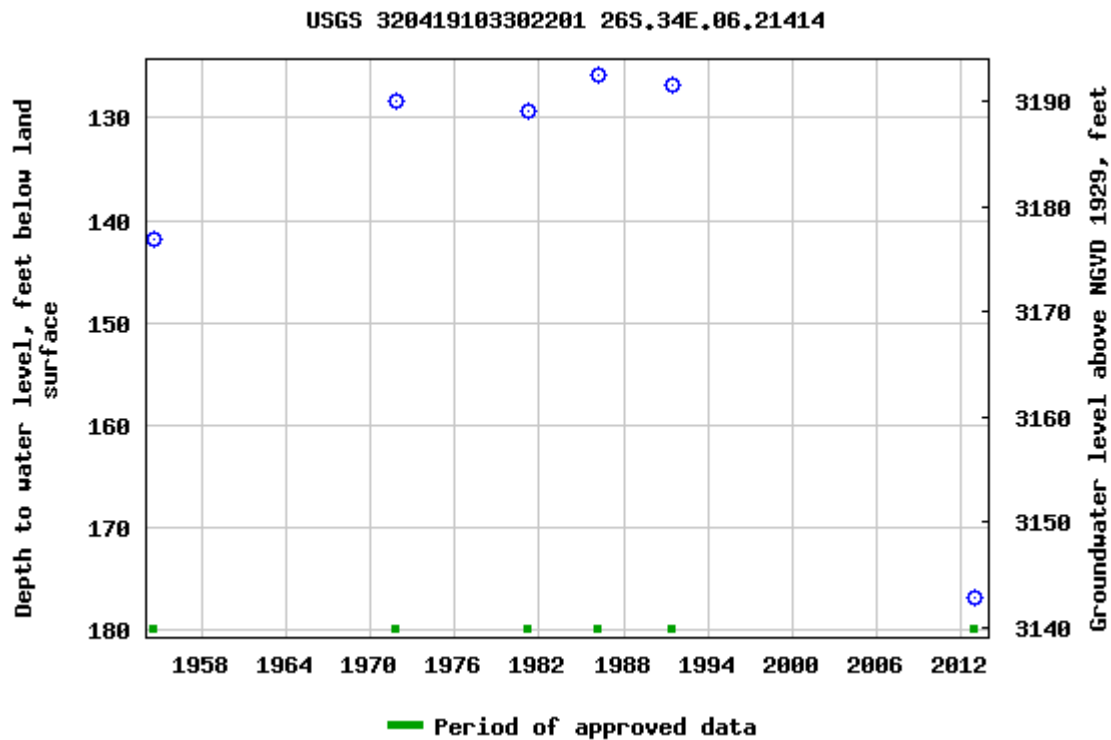
#### Output formats

[Table of data](#)

[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](#)

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[Subscribe for system changes](#)

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[Policies and Notices](#)

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

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

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



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

Page Last Modified: 2024-04-10 11:25:14 EDT

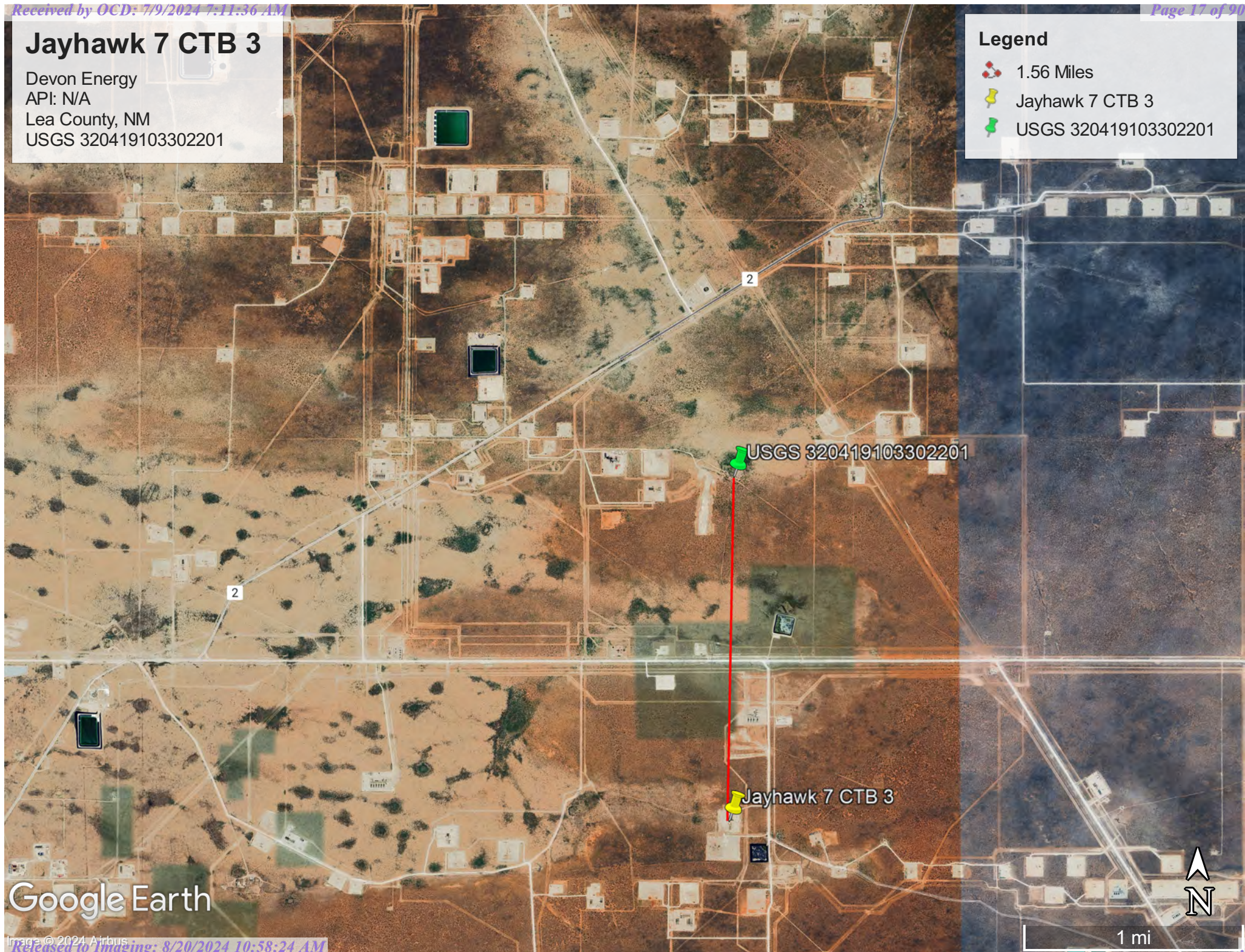
0.61 0.52 nadww02

# Jayhawk 7 CTB 3

Devon Energy  
API: N/A  
Lea County, NM  
USGS 320419103302201

## Legend

- 1.56 Miles
- Jayhawk 7 CTB 3
- USGS 320419103302201



Google Earth

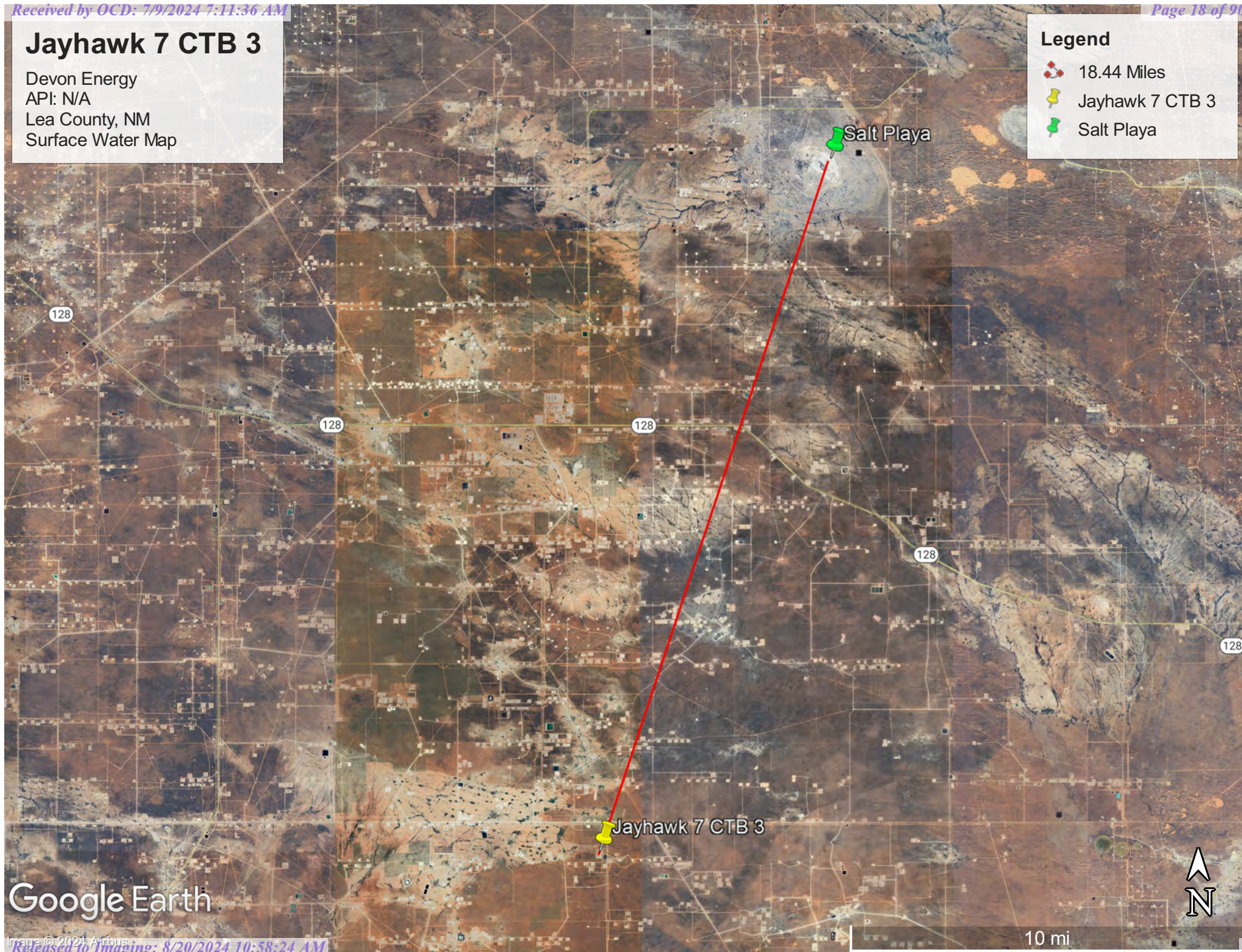
1 mi

# Jayhawk 7 CTB 3

Devon Energy  
API: N/A  
Lea County, NM  
Surface Water Map

## Legend

- 18.44 Miles
- Jayhawk 7 CTB 3
- Salt Playa





Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Berino-Cacique association, hummocky---Lea County, New Mexico

---

## Lea County, New Mexico

### BH—Berino-Cacique association, hummocky

#### Map Unit Setting

*National map unit symbol:* dmpg

*Elevation:* 3,000 to 4,400 feet

*Mean annual precipitation:* 10 to 13 inches

*Mean annual air temperature:* 60 to 62 degrees F

*Frost-free period:* 190 to 205 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 50 percent

*Cacique and similar soils:* 40 percent

*Minor components:* 10 percent

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

#### Description of Berino

##### Setting

*Landform:* Plains

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

##### Typical profile

*A - 0 to 10 inches:* fine sand

*Btk - 10 to 60 inches:* sandy clay loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

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

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Gypsum, maximum content:* 1 percent

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

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.5 inches)

Map Unit Description: Berino-Cacique association, hummocky---Lea County, New Mexico

---

**Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7c

*Hydrologic Soil Group:* B

*Ecological site:* R070BD003NM - Loamy Sand

*Hydric soil rating:* No

**Description of Cacique****Setting**

*Landform:* Plains

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Calcareous eolian deposits derived from sedimentary rock

**Typical profile**

*A - 0 to 7 inches:* fine sand

*Bt - 7 to 28 inches:* sandy clay loam

*Bkm - 28 to 38 inches:* cemented material

**Properties and qualities**

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 20 to 40 inches to petrocalcic

*Drainage class:* Well drained

*Runoff class:* High

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

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

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

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Low (about 3.6 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7c

*Hydrologic Soil Group:* C

*Ecological site:* R070BD004NM - Sandy

*Hydric soil rating:* No

**Minor Components****Kermit**

*Percent of map unit:* 4 percent

*Ecological site:* R070BD005NM - Deep Sand

*Hydric soil rating:* No

**Maljamar**

*Percent of map unit:* 3 percent

Map Unit Description: Berino-Cacique association, hummocky---Lea County, New Mexico

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*Ecological site:* R077CY028TX - Limy Upland 16-21" PZ

*Hydric soil rating:* No

**Palomas**

*Percent of map unit:* 2 percent

*Ecological site:* R070BD003NM - Loamy Sand

*Hydric soil rating:* No

**Dune land**

*Percent of map unit:* 1 percent

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023



Soil Map—Lea County, New Mexico



Natural Resources  
Conservation Service


Web Soil Survey  
National Cooperative Soil Survey

6/25/2024  
Page 1 of 3


## Soil Map—Lea 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 1:20,000.

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

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

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

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






Map Unit Legend


| Map Unit Symbol             | Map Unit Name                        | Acres in AOI | Percent of AOI |
|-----------------------------|--------------------------------------|--------------|----------------|
| BH                          | Berino-Cacique association, hummocky | 13.9         | 94.3%          |
| PU                          | Pyote and Maljamar fine sands        | 0.8          | 5.7%           |
| Totals for Area of Interest |                                      | 14.7         | 100.0%         |

# Jayhawk 7 CTB 3

Devon Energy  
API: N/A  
Lea County, NM  
Geologic Units Map

## Legend

-  Eolian and piedmont deposits
-  Jayhawk 7 CTB 3
-  Ogallala Formation

 Jayhawk 7 CTB 3



500 ft

Google Earth

# National Flood Hazard Layer FIRMette



103°30'41"W 32°3'32"N



### Legend

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

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

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

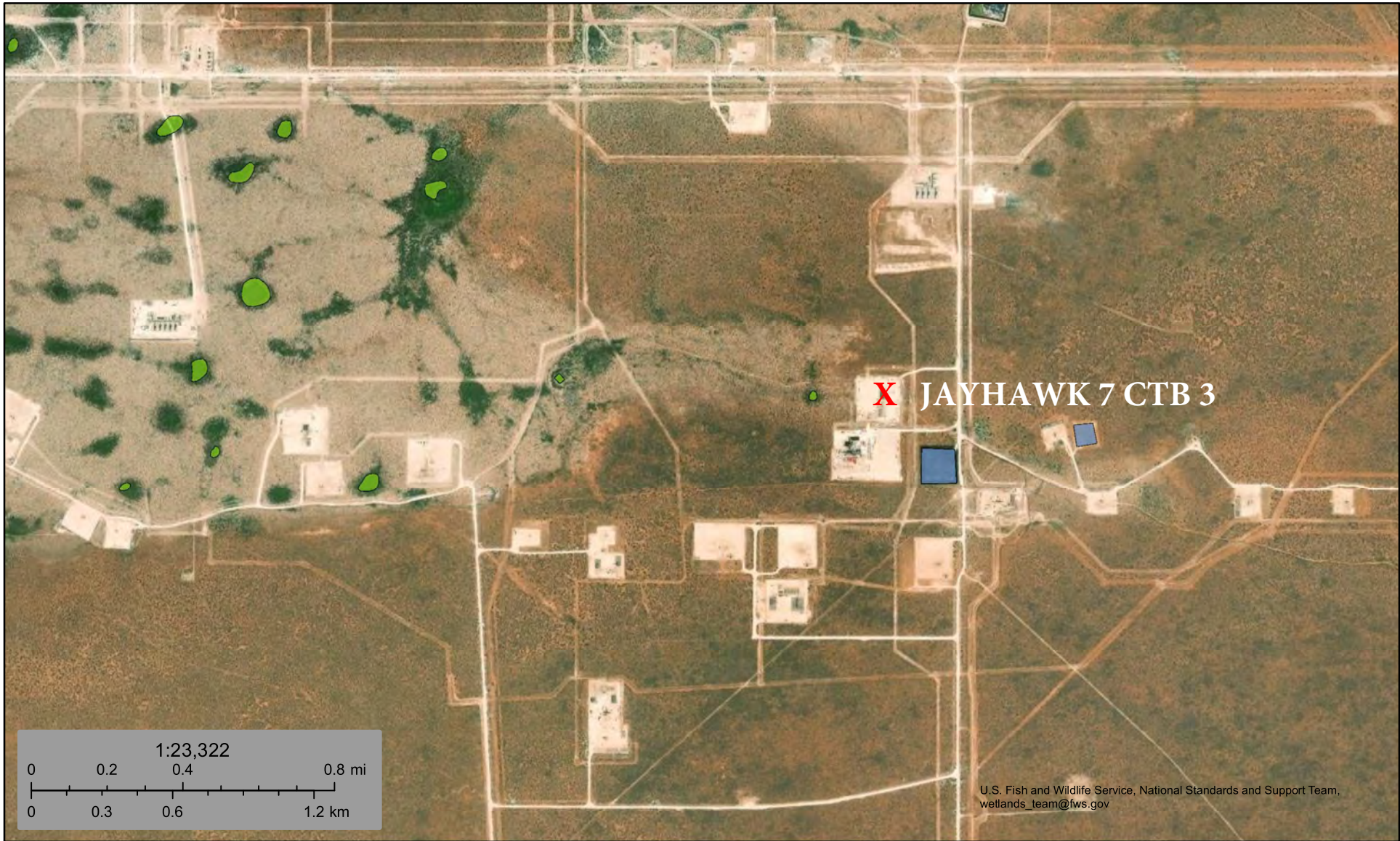
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/10/2024 at 11:28 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Released to Imaging: 8/20/2024 10:58:24 AM

Received by OCD: 7/9/2024 7:11:36 AM



April 10, 2024

Wetlands

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

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 Notification**

**lynsey@pimaoil.com**

---

**From:** Woodall, Dale <Dale.Woodall@dvn.com>  
**Sent:** Monday, June 17, 2024 1:24 PM  
**To:** 'Gio PimaOil'; Lynsey Pima Oil; Andrew Pima Oil  
**Subject:** FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 355059

Dale Woodall  
**Environmental Professional**  
**Hobbs, NM**  
**Office:** 575-748-1838  
**Mobile:** 405-318-4697  
[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Monday, June 17, 2024 1:22 PM  
**To:** Woodall, Dale <Dale.Woodall@dvn.com>  
**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 355059

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2412148467.

The sampling event is expected to take place:

**When:** 06/20/2024 @ 08:30

**Where:** J-07-26S-34E 1412 FSL 1753 FEL (32.0545445,-103.506107)

**Additional Information:** Andrew Franco -806-200-0054

**Additional Instructions:** J-07-26S-34E ( 32.0545445,-103.506107 NAD83) From the intersection of NM 128 and County Rd 2, travel south on County Rd 2 for 11.55 miles, turn east on Lease Rd for 2.57 miles, turn south on lease rd for 0.65 of a mile, turn west on lease Rd arriving to location.

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

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

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

**New Mexico Energy, Minerals and Natural Resources Department**

1220 South St. Francis Drive

Santa Fe, NM 87505

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



Pima Environmental Services

## **Appendix D**

Photographic Documentation



**SITE PHOTOGRAPHS**

**DEVON ENERGY**

**Jayhawk 7 CTB 3**

**Assessment**







Pima Environmental Services

## **Appendix E**

Laboratory Reports

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jayhawk 7 CTB 3

Work Order: E405221

Job Number: 01058-0007

Received: 5/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/24/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 5/24/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Jayhawk 7 CTB 3  
Workorder: E405221  
Date Received: 5/16/2024 7:15:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/16/2024 7:15:00AM, under the Project Name: Jayhawk 7 CTB 3.

The analytical test results summarized in this report with the Project Name: Jayhawk 7 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

Field Offices:

**Southern New Mexico Area**

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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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Sample Summary

|                                      |                  |                 |                             |
|--------------------------------------|------------------|-----------------|-----------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:<br>05/24/24 16:58 |
| PO Box 247                           | Project Number:  | 01058-0007      |                             |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |                             |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S1 - 1'          | E405221-01A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| S1 - 2'          | E405221-02A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| S1 - 3'          | E405221-03A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| S1 - 4'          | E405221-04A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| S2 - 1'          | E405221-05A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| S2 - 2'          | E405221-06A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| S2 - 3'          | E405221-07A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| S2 - 4'          | E405221-08A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| SW1              | E405221-09A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| SW2              | E405221-10A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| SW3              | E405221-11A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| SW4              | E405221-12A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| SW5              | E405221-13A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| SW6              | E405221-14A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |
| BG1              | E405221-15A   | Soil   | 05/13/24 | 05/16/24 | Glass Jar, 2 oz. |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>5/24/2024 4:58:32PM |
|---|---|----------------------------------|

S1 - 1'  
E405221-01

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
|   |        |                 |              |          |                |       |
| <b>Volatile Organic Compounds by EPA 8260B</b>        | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2420184 |       |
| Benzene   | ND     | 0.0250          | 1            | 05/17/24 | 05/21/24       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 05/17/24 | 05/21/24       |       |
| Toluene   | ND     | 0.0250          | 1            | 05/17/24 | 05/21/24       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 05/17/24 | 05/21/24       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 05/17/24 | 05/21/24       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 05/17/24 | 05/21/24       |       |
|   |        |                 |              |          |                |       |
| Surrogate: Bromofluorobenzene                         |        | 83.4 %          | 70-130       | 05/17/24 | 05/21/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 102 %           | 70-130       | 05/17/24 | 05/21/24       |       |
| Surrogate: Toluene-d8                                 |        | 95.9 %          | 70-130       | 05/17/24 | 05/21/24       |       |
|   |        |                 |              |          |                |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2420184 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 05/17/24 | 05/21/24       |       |
|   |        |                 |              |          |                |       |
| Surrogate: Bromofluorobenzene                         |        | 83.4 %          | 70-130       | 05/17/24 | 05/21/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 102 %           | 70-130       | 05/17/24 | 05/21/24       |       |
| Surrogate: Toluene-d8                                 |        | 95.9 %          | 70-130       | 05/17/24 | 05/21/24       |       |
|   |        |                 |              |          |                |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2421047 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 05/21/24 | 05/23/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 05/21/24 | 05/23/24       |       |
|   |        |                 |              |          |                |       |
| Surrogate: n-Nonane                                   |        | 111 %           | 50-200       | 05/21/24 | 05/23/24       |       |
|   |        |                 |              |          |                |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2421035 |       |
| Chloride  | 29.8   | 20.0            | 1            | 05/20/24 | 05/21/24       |       |

Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>5/24/2024 4:58:32PM |
|---|---|----------------------------------|

S1 - 2'

E405221-02

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 87.7 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 101 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 98.3 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 87.7 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 101 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 98.3 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   | 111 %  | 50-200          |          | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|                                      |                  |                 |   |
|--------------------------------------|------------------|-----------------|---|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | <b>Reported:</b><br>5/24/2024 4:58:32PM |
| PO Box 247                           | Project Number:  | 01058-0007      |   |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |   |

S1 - 3'

E405221-03

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 88.6 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 103 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 97.1 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 88.6 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 103 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 97.1 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   | 117 %  | 50-200          |          | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



## Sample Data

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

Project Name: Jayhawk 7 CTB 3  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/24/2024 4:58:32PM

S1 - 4'

E405221-04

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 88.6 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 103 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 97.5 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 88.6 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 103 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 97.5 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   | 121 %  | 50-200          |          | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>5/24/2024 4:58:32PM |
|---|---|----------------------------------|

S2 - 1'

E405221-05

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 87.3 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.8 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 95.1 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 87.3 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.8 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 95.1 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   | 114 %  | 50-200          |          | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | 25.8   | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>5/24/2024 4:58:32PM |
|---|---|----------------------------------|

S2 - 2'

E405221-06

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 87.6 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 103 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 97.2 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 87.6 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 103 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 97.2 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   | 110 %  | 50-200          |          | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | 88.4   | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>5/24/2024 4:58:32PM |
|---|---|----------------------------------|

S2 - 3'

E405221-07

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 82.2 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 105 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 97.5 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 82.2 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 105 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 97.5 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   | 111 %  | 50-200          |          | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>5/24/2024 4:58:32PM |
|---|---|----------------------------------|

S2 - 4'

E405221-08

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 88.5 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 105 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 89.7 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/21/24 |                |
| Surrogate: Bromofluorobenzene                         | 88.5 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 105 %  | 70-130          |          | 05/17/24     | 05/21/24 |                |
| Surrogate: Toluene-d8                                 | 89.7 % | 70-130          |          | 05/17/24     | 05/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   | 113 %  | 50-200          |          | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|                                      |                  |                 |   |
|--------------------------------------|------------------|-----------------|---|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | <b>Reported:</b><br>5/24/2024 4:58:32PM |
| PO Box 247                           | Project Number:  | 01058-0007      |   |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |   |

SW1

E405221-09

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/22/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         | 87.6 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 104 %  | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 | 94.1 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         | 87.6 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 104 %  | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 | 94.1 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   | 117 %  | 50-200          |          | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>5/24/2024 4:58:32PM |
|---|---|----------------------------------|

SW2

E405221-10

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/22/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         | 86.0 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.1 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 | 97.9 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         | 86.0 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.1 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 | 97.9 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   | 114 %  | 50-200          |          | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|                                      |                  |                 |   |
|--------------------------------------|------------------|-----------------|---|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | <b>Reported:</b><br>5/24/2024 4:58:32PM |
| PO Box 247                           | Project Number:  | 01058-0007      |   |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |   |

SW3

E405221-11

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/22/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         | 85.7 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 104 %  | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 | 99.2 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         | 85.7 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 104 %  | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 | 99.2 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   | 117 %  | 50-200          |          | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>5/24/2024 4:58:32PM |
|---|---|----------------------------------|

SW4

E405221-12

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/22/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         | 88.3 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 104 %  | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 | 97.1 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         | 88.3 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 104 %  | 70-130          |          | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 | 97.1 % | 70-130          |          | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   | 114 %  | 50-200          |          | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>5/24/2024 4:58:32PM |
|---|---|----------------------------------|

SW5

E405221-13

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/22/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 110 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 91.2 %          | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 110 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 91.2 %          | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   |        | 117 %           | 50-200   | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|                                      |                  |                 |                                  |
|--------------------------------------|------------------|-----------------|----------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:<br>5/24/2024 4:58:32PM |
| PO Box 247                           | Project Number:  | 01058-0007      |                                  |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |                                  |

SW6

E405221-14

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/22/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 86.7 %          | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 86.7 %          | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | 50.1   | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   |        | 119 %           | 50-200   | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



Sample Data

|                                      |                  |                 |                                  |
|--------------------------------------|------------------|-----------------|----------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:<br>5/24/2024 4:58:32PM |
| PO Box 247                           | Project Number:  | 01058-0007      |                                  |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |                                  |

BG1

E405221-15

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Benzene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/17/24     | 05/22/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 89.8 %          | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 |        | 106 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2420184 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/17/24     | 05/22/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 89.8 %          | 70-130   | 05/17/24     | 05/22/24 |                |
| Surrogate: Toluene-d8                                 |        | 106 %           | 70-130   | 05/17/24     | 05/22/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2421047 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/21/24     | 05/23/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/21/24     | 05/23/24 |                |
| Surrogate: n-Nonane                                   |        | 116 %           | 50-200   | 05/21/24     | 05/23/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2421035 |
| Chloride  | ND     | 20.0            | 1        | 05/20/24     | 05/21/24 |                |



QC Summary Data

|                                      |                  |                 |                                      |
|--------------------------------------|------------------|-----------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:<br><br>5/24/2024 4:58:32PM |
| PO Box 247                           | Project Number:  | 01058-0007      |                                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |                                      |

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2420184-BLK1) Prepared: 05/17/24 Analyzed: 05/21/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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    | 0.434 |        | 0.500 |  | 86.8 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.503 |        | 0.500 |  | 101  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.491 |        | 0.500 |  | 98.1 | 70-130 |  |  |  |

LCS (2420184-BS1) Prepared: 05/17/24 Analyzed: 05/21/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.35  | 0.0250 | 2.50  |  | 93.9 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.31  | 0.0250 | 2.50  |  | 92.3 | 70-130 |  |  |  |
| Toluene                          | 2.47  | 0.0250 | 2.50  |  | 98.8 | 70-130 |  |  |  |
| o-Xylene                         | 2.26  | 0.0250 | 2.50  |  | 90.5 | 70-130 |  |  |  |
| p,m-Xylene                       | 4.64  | 0.0500 | 5.00  |  | 92.7 | 70-130 |  |  |  |
| Total Xylenes                    | 6.90  | 0.0250 | 7.50  |  | 92.0 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.444 |        | 0.500 |  | 88.8 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.522 |        | 0.500 |  | 104  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.495 |        | 0.500 |  | 98.9 | 70-130 |  |  |  |

LCS Dup (2420184-BSD1) Prepared: 05/17/24 Analyzed: 05/21/24

|                                  |       |        |       |  |      |        |      |    |  |
|----------------------------------|-------|--------|-------|--|------|--------|------|----|--|
| Benzene                          | 2.42  | 0.0250 | 2.50  |  | 96.8 | 70-130 | 2.96 | 23 |  |
| Ethylbenzene                     | 2.43  | 0.0250 | 2.50  |  | 97.3 | 70-130 | 5.23 | 27 |  |
| Toluene                          | 2.52  | 0.0250 | 2.50  |  | 101  | 70-130 | 2.14 | 24 |  |
| o-Xylene                         | 2.38  | 0.0250 | 2.50  |  | 95.1 | 70-130 | 4.96 | 27 |  |
| p,m-Xylene                       | 4.86  | 0.0500 | 5.00  |  | 97.1 | 70-130 | 4.64 | 27 |  |
| Total Xylenes                    | 7.23  | 0.0250 | 7.50  |  | 96.5 | 70-130 | 4.74 | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.447 |        | 0.500 |  | 89.4 | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.517 |        | 0.500 |  | 103  | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.474 |        | 0.500 |  | 94.7 | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                 |                                      |
|--------------------------------------|------------------|-----------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:<br><br>5/24/2024 4:58:32PM |
| PO Box 247                           | Project Number:  | 01058-0007      |                                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |                                      |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2420184-BLK1) Prepared: 05/17/24 Analyzed: 05/21/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.434 |      | 0.500 |  | 86.8 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.503 |      | 0.500 |  | 101  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.491 |      | 0.500 |  | 98.1 | 70-130 |  |  |  |

LCS (2420184-BS2) Prepared: 05/17/24 Analyzed: 05/21/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 56.4  | 20.0 | 50.0  |  | 113  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.454 |      | 0.500 |  | 90.8 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.503 |      | 0.500 |  | 101  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.507 |      | 0.500 |  | 101  | 70-130 |  |  |  |

LCS Dup (2420184-BSD2) Prepared: 05/17/24 Analyzed: 05/21/24

|                                  |       |      |       |  |      |        |      |    |  |
|----------------------------------|-------|------|-------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 51.4  | 20.0 | 50.0  |  | 103  | 70-130 | 9.21 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.458 |      | 0.500 |  | 91.5 | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.512 |      | 0.500 |  | 102  | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.488 |      | 0.500 |  | 97.6 | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                 |                     |
|--------------------------------------|------------------|-----------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007      |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       | 5/24/2024 4:58:32PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2421047-BLK1)            |      |      |      |  | Prepared: 05/21/24 Analyzed: 05/23/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 55.9 |      | 50.0 |  | 112                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2421047-BS1)               |      |      |      |  | Prepared: 05/21/24 Analyzed: 05/23/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 264  | 25.0 | 250  |  | 106                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 58.1 |      | 50.0 |  | 116                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2421047-BSD1)          |      |      |      |  | Prepared: 05/21/24 Analyzed: 05/23/24 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 260  | 25.0 | 250  |  | 104                                   | 38-132 | 1.40 | 20 |  |
| Surrogate: n-Nonane             | 55.5 |      | 50.0 |  | 111                                   | 50-200 |      |    |  |



QC Summary Data

|                                      |                  |                 |                     |
|--------------------------------------|------------------|-----------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007      |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       | 5/24/2024 4:58:32PM |

Anions by EPA 300.0/9056A

Analyst: IY

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

|                        |     |      |     |  |                                       |        |       |    |  |
|------------------------|-----|------|-----|--|---------------------------------------|--------|-------|----|--|
| Blank (2421035-BLK1)   |     |      |     |  | Prepared: 05/20/24 Analyzed: 05/21/24 |        |       |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |       |    |  |
| LCS (2421035-BS1)      |     |      |     |  | Prepared: 05/20/24 Analyzed: 05/21/24 |        |       |    |  |
| Chloride               | 253 | 20.0 | 250 |  | 101                                   | 90-110 |       |    |  |
| LCS Dup (2421035-BSD1) |     |      |     |  | Prepared: 05/20/24 Analyzed: 05/21/24 |        |       |    |  |
| Chloride               | 251 | 20.0 | 250 |  | 100                                   | 90-110 | 0.591 | 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:    | Jayhawk 7 CTB 3 |                |
| PO Box 247                           | Project Number:  | 01058-0007      | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       | 05/24/24 16:58 |

- 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 2

Client: **Pima Environmental Services**  
 Project: **Jayhawk 7 CTB 3**  
 Project Manager: **Glo Gomez**  
 Address: **5614 N. Lovington Hwy.**  
 City, State, Zip: **Hobbs, NM, 88240**  
 Phone: **806-782-1151**  
 Email: **glo@pimaoli.com**  
 Report due by:

Bill To  
 Attention: **Devon**  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # **3602**

E 405221

01058-0007

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID |    | DRO/DRO | GRO/DRO | BTEX by 8 | VOC by 8 | Metals 60 | Chloride 3 |  |  | BGDOC | BGDOC |  |  | Remarks |
|--------------|--------------|--------|-------------------|-----------|----|---------|---------|-----------|----------|-----------|------------|--|--|-------|-------|--|--|---------|
| 9:06         | 5/13         | S      |                   | S1-1'     | 1  |         |         |           |          |           |            |  |  | X     |       |  |  |         |
| 9:20         |              |        |                   | S1-2'     | 2  |         |         |           |          |           |            |  |  |       |       |  |  |         |
| 9:36         |              |        |                   | S1-3'     | 3  |         |         |           |          |           |            |  |  |       |       |  |  |         |
| 9:49         |              |        |                   | S1-4'     | 4  |         |         |           |          |           |            |  |  |       |       |  |  |         |
| 9:55         |              |        |                   | S2-1'     | 5  |         |         |           |          |           |            |  |  |       |       |  |  |         |
| 10:02        |              |        |                   | S2-2'     | 6  |         |         |           |          |           |            |  |  |       |       |  |  |         |
| 10:12        |              |        |                   | S2-3'     | 7  |         |         |           |          |           |            |  |  |       |       |  |  |         |
| 10:21        |              |        |                   | S2-4'     | 8  |         |         |           |          |           |            |  |  |       |       |  |  |         |
| 10:30        |              |        |                   | SW1       | 9  |         |         |           |          |           |            |  |  |       |       |  |  |         |
| 10:36        |              |        |                   | SW2       | 10 |         |         |           |          |           |            |  |  |       |       |  |  |         |

## Additional Instructions:

Billing # 2133 8441

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.

Sampled by:

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

|   |                 |              |  |                 |              |   |
|---|-----------------|--------------|--|-----------------|--------------|---|
| Relinquished by: (Signature)<br><i>Karime Adame</i> | Date<br>5-15-24 | Time<br>1215 | Received by: (Signature)<br><i>[Signature]</i> | Date<br>5-15-24 | Time<br>1215 | Lab Use Only<br>Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C <u>4</u> |
| Relinquished by: (Signature)<br><i>[Signature]</i>  | Date<br>5-15-24 | Time<br>1700 | Received by: (Signature)<br><i>[Signature]</i> | Date<br>5-15-24 | Time<br>1800 |   |
| Relinquished by: (Signature)<br><i>[Signature]</i>  | Date<br>5-15-24 | Time<br>2400 | Received by: (Signature)<br><i>[Signature]</i> | Date<br>5/16/24 | Time<br>0715 |   |

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: 5/16/2024 3:22:47PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |                 |
|---------|--------------------------------------|-----------------|----------------------------|----------------|-----------------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 05/16/24 07:15             | Work Order ID: | E405221         |
| Phone:  | (575) 631-6977                       | Date Logged In: | 05/16/24 07:46             | Logged In By:  | Angelina Pineda |
| Email:  | gio@pimaoil.com                      | Due Date:       | 05/22/24 17:00 (4 day TAT) |                |                 |

Chain of Custody (COC)

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 

|                      |     |
|----------------------|-----|
| Sample ID?           | Yes |
| Date/Time Collected? | Yes |
| Collectors name?     | Yes |

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

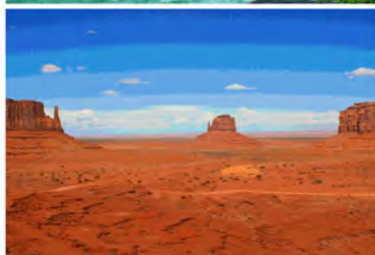
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jayhawk 7 CTB 3

Work Order: E406199

Job Number: 01058-0007

Received: 6/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
6/24/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 6/24/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Jayhawk 7 CTB 3  
Workorder: E406199  
Date Received: 6/21/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/21/2024 5:30:00AM, under the Project Name: Jayhawk 7 CTB 3.

The analytical test results summarized in this report with the Project Name: Jayhawk 7 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

|                                      |                  |                 |                                 |
|--------------------------------------|------------------|-----------------|---------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:<br><br>06/24/24 16:23 |
| PO Box 247                           | Project Number:  | 01058-0007      |                                 |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |                                 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| CS1-Bottom       | E406199-01A   | Soil   | 06/20/24 | 06/21/24 | Glass Jar, 2 oz. |
| CS2-Bottom       | E406199-02A   | Soil   | 06/20/24 | 06/21/24 | Glass Jar, 2 oz. |
| CSW1             | E406199-03A   | Soil   | 06/20/24 | 06/21/24 | Glass Jar, 2 oz. |
| CSW2             | E406199-04A   | Soil   | 06/20/24 | 06/21/24 | Glass Jar, 2 oz. |
| CSW3             | E406199-05A   | Soil   | 06/20/24 | 06/21/24 | Glass Jar, 2 oz. |
| CSW4             | E406199-06A   | Soil   | 06/20/24 | 06/21/24 | Glass Jar, 2 oz. |
| CSW5             | E406199-07A   | Soil   | 06/20/24 | 06/21/24 | Glass Jar, 2 oz. |
| CSW6             | E406199-08A   | Soil   | 06/20/24 | 06/21/24 | Glass Jar, 2 oz. |

Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>6/24/2024 4:23:06PM |
|---|---|----------------------------------|

CS1-Bottom  
E406199-01

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
|   |        |                 |              |          |                |       |
| <b>Volatile Organic Compounds by EPA 8260B</b>        | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2425093 |       |
| Benzene   | ND     | 0.0250          | 1            | 06/21/24 | 06/21/24       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 06/21/24 | 06/21/24       |       |
| Toluene   | ND     | 0.0250          | 1            | 06/21/24 | 06/21/24       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 06/21/24 | 06/21/24       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 06/21/24 | 06/21/24       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 06/21/24 | 06/21/24       |       |
|   |        |                 |              |          |                |       |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130       | 06/21/24 | 06/21/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.6 %          | 70-130       | 06/21/24 | 06/21/24       |       |
| Surrogate: Toluene-d8                                 |        | 113 %           | 70-130       | 06/21/24 | 06/21/24       |       |
|   |        |                 |              |          |                |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2425093 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 06/21/24 | 06/21/24       |       |
|   |        |                 |              |          |                |       |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130       | 06/21/24 | 06/21/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.6 %          | 70-130       | 06/21/24 | 06/21/24       |       |
| Surrogate: Toluene-d8                                 |        | 113 %           | 70-130       | 06/21/24 | 06/21/24       |       |
|   |        |                 |              |          |                |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV  |          | Batch: 2425094 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 06/21/24 | 06/21/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 06/21/24 | 06/21/24       |       |
|   |        |                 |              |          |                |       |
| Surrogate: n-Nonane                                   |        | 92.8 %          | 50-200       | 06/21/24 | 06/21/24       |       |
|   |        |                 |              |          |                |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM  |          | Batch: 2425091 |       |
| Chloride  | ND     | 20.0            | 1            | 06/21/24 | 06/21/24       |       |



Sample Data

|                                      |                  |                 |                                  |
|--------------------------------------|------------------|-----------------|----------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:<br>6/24/2024 4:23:06PM |
| PO Box 247                           | Project Number:  | 01058-0007      |                                  |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |                                  |

CS2-Bottom  
E406199-02

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Benzene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 06/21/24     | 06/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 101 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.8 %          | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 101 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.8 %          | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: NV  |          | Batch: 2425094 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 06/21/24     | 06/21/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: n-Nonane                                   |        | 97.5 %          | 50-200   | 06/21/24     | 06/21/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM  |          | Batch: 2425091 |
| Chloride  | ND     | 20.0            | 1        | 06/21/24     | 06/21/24 |                |



Sample Data

|                                      |                  |                 |                                  |
|--------------------------------------|------------------|-----------------|----------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:<br>6/24/2024 4:23:06PM |
| PO Box 247                           | Project Number:  | 01058-0007      |                                  |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |                                  |

CSW1

E406199-03

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Benzene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 06/21/24     | 06/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.7 %          | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 117 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.7 %          | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 117 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: NV  |          | Batch: 2425094 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 06/21/24     | 06/21/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: n-Nonane                                   |        | 95.7 %          | 50-200   | 06/21/24     | 06/21/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM  |          | Batch: 2425091 |
| Chloride  | 21.4   | 20.0            | 1        | 06/21/24     | 06/21/24 |                |



Sample Data

|                                      |                  |                 |                                  |
|--------------------------------------|------------------|-----------------|----------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:<br>6/24/2024 4:23:06PM |
| PO Box 247                           | Project Number:  | 01058-0007      |                                  |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |                                  |

CSW2

E406199-04

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Benzene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 06/21/24     | 06/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 106 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 106 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: NV  |          | Batch: 2425094 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 06/21/24     | 06/21/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: n-Nonane                                   |        | 104 %           | 50-200   | 06/21/24     | 06/21/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM  |          | Batch: 2425091 |
| Chloride  | ND     | 20.0            | 1        | 06/21/24     | 06/21/24 |                |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>6/24/2024 4:23:06PM |
|---|---|----------------------------------|

CSW3

E406199-05

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Benzene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 06/21/24     | 06/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 109 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 88.7 %          | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 109 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 88.7 %          | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: NV  |          | Batch: 2425094 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 06/21/24     | 06/21/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: n-Nonane                                   |        | 97.1 %          | 50-200   | 06/21/24     | 06/21/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM  |          | Batch: 2425091 |
| Chloride  | ND     | 20.0            | 1        | 06/21/24     | 06/21/24 |                |



Sample Data

|                                      |                  |                 |   |
|--------------------------------------|------------------|-----------------|---|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | <b>Reported:</b><br>6/24/2024 4:23:06PM |
| PO Box 247                           | Project Number:  | 01058-0007      |   |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |   |

CSW4

E406199-06

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2425093 |       |
| Benzene   | ND     | 0.0250          | 1            | 06/21/24 | 06/21/24       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 06/21/24 | 06/21/24       |       |
| Toluene   | ND     | 0.0250          | 1            | 06/21/24 | 06/21/24       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 06/21/24 | 06/21/24       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 06/21/24 | 06/21/24       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 06/21/24 | 06/21/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130       | 06/21/24 | 06/21/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 91.5 %          | 70-130       | 06/21/24 | 06/21/24       |       |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130       | 06/21/24 | 06/21/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2425093 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 06/21/24 | 06/21/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130       | 06/21/24 | 06/21/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 91.5 %          | 70-130       | 06/21/24 | 06/21/24       |       |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130       | 06/21/24 | 06/21/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV  |          | Batch: 2425094 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 06/21/24 | 06/21/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 06/21/24 | 06/21/24       |       |
| Surrogate: n-Nonane                                   |        | 95.9 %          | 50-200       | 06/21/24 | 06/21/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM  |          | Batch: 2425091 |       |
| Chloride  | ND     | 20.0            | 1            | 06/21/24 | 06/21/24       |       |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Jayhawk 7 CTB 3<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>6/24/2024 4:23:06PM |
|---|---|----------------------------------|

CSW5  
E406199-07

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Benzene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 06/21/24     | 06/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 109 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.5 %          | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 109 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.5 %          | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: NV  |          | Batch: 2425094 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 06/21/24     | 06/21/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: n-Nonane                                   |        | 95.0 %          | 50-200   | 06/21/24     | 06/21/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM  |          | Batch: 2425091 |
| Chloride  | ND     | 20.0            | 1        | 06/21/24     | 06/21/24 |                |



Sample Data

|                                      |                  |                 |                                  |
|--------------------------------------|------------------|-----------------|----------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:<br>6/24/2024 4:23:06PM |
| PO Box 247                           | Project Number:  | 01058-0007      |                                  |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |                                  |

CSW6

E406199-08

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Benzene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 06/21/24     | 06/21/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 88.7 %          | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2425093 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 88.7 %          | 70-130   | 06/21/24     | 06/21/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 06/21/24     | 06/21/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: NV  |          | Batch: 2425094 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 06/21/24     | 06/21/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 06/21/24     | 06/21/24 |                |
| Surrogate: n-Nonane                                   |        | 96.9 %          | 50-200   | 06/21/24     | 06/21/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM  |          | Batch: 2425091 |
| Chloride  | ND     | 20.0            | 1        | 06/21/24     | 06/21/24 |                |



QC Summary Data

|                                      |                  |                 |                     |
|--------------------------------------|------------------|-----------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007      |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       | 6/24/2024 4:23:06PM |

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2425093-BLK1) Prepared: 06/21/24 Analyzed: 06/21/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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    | 0.551 |        | 0.500 |  | 110  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.446 |        | 0.500 |  | 89.1 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.523 |        | 0.500 |  | 105  | 70-130 |  |  |  |

LCS (2425093-BS1) Prepared: 06/21/24 Analyzed: 06/21/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.17  | 0.0250 | 2.50  |  | 86.9 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.30  | 0.0250 | 2.50  |  | 91.9 | 70-130 |  |  |  |
| Toluene                          | 2.27  | 0.0250 | 2.50  |  | 90.8 | 70-130 |  |  |  |
| o-Xylene                         | 2.41  | 0.0250 | 2.50  |  | 96.4 | 70-130 |  |  |  |
| p,m-Xylene                       | 4.83  | 0.0500 | 5.00  |  | 96.6 | 70-130 |  |  |  |
| Total Xylenes                    | 7.24  | 0.0250 | 7.50  |  | 96.5 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.582 |        | 0.500 |  | 116  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.476 |        | 0.500 |  | 95.2 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.526 |        | 0.500 |  | 105  | 70-130 |  |  |  |

Matrix Spike (2425093-MS1) Source: E406198-12 Prepared: 06/21/24 Analyzed: 06/22/24

|                                  |       |        |       |    |      |        |  |  |  |
|----------------------------------|-------|--------|-------|----|------|--------|--|--|--|
| Benzene                          | 2.17  | 0.0250 | 2.50  | ND | 86.8 | 48-131 |  |  |  |
| Ethylbenzene                     | 2.30  | 0.0250 | 2.50  | ND | 91.9 | 45-135 |  |  |  |
| Toluene                          | 2.35  | 0.0250 | 2.50  | ND | 93.9 | 48-130 |  |  |  |
| o-Xylene                         | 2.37  | 0.0250 | 2.50  | ND | 94.8 | 43-135 |  |  |  |
| p,m-Xylene                       | 4.75  | 0.0500 | 5.00  | ND | 95.0 | 43-135 |  |  |  |
| Total Xylenes                    | 7.12  | 0.0250 | 7.50  | ND | 94.9 | 43-135 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.491 |        | 0.500 |    | 98.1 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.467 |        | 0.500 |    | 93.3 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.505 |        | 0.500 |    | 101  | 70-130 |  |  |  |

Matrix Spike Dup (2425093-MSD1) Source: E406198-12 Prepared: 06/21/24 Analyzed: 06/22/24

|                                  |       |        |       |    |      |        |       |    |  |
|----------------------------------|-------|--------|-------|----|------|--------|-------|----|--|
| Benzene                          | 2.15  | 0.0250 | 2.50  | ND | 86.1 | 48-131 | 0.833 | 23 |  |
| Ethylbenzene                     | 2.21  | 0.0250 | 2.50  | ND | 88.6 | 45-135 | 3.66  | 27 |  |
| Toluene                          | 2.28  | 0.0250 | 2.50  | ND | 91.1 | 48-130 | 3.05  | 24 |  |
| o-Xylene                         | 2.34  | 0.0250 | 2.50  | ND | 93.7 | 43-135 | 1.19  | 27 |  |
| p,m-Xylene                       | 4.62  | 0.0500 | 5.00  | ND | 92.4 | 43-135 | 2.77  | 27 |  |
| Total Xylenes                    | 6.96  | 0.0250 | 7.50  | ND | 92.8 | 43-135 | 2.24  | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.489 |        | 0.500 |    | 97.8 | 70-130 |       |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.487 |        | 0.500 |    | 97.3 | 70-130 |       |    |  |
| Surrogate: Toluene-d8            | 0.496 |        | 0.500 |    | 99.1 | 70-130 |       |    |  |

QC Summary Data

|                                      |                  |                 |                                      |
|--------------------------------------|------------------|-----------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:<br><br>6/24/2024 4:23:06PM |
| PO Box 247                           | Project Number:  | 01058-0007      |                                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       |                                      |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2425093-BLK1) Prepared: 06/21/24 Analyzed: 06/21/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.551 |      | 0.500 |  | 110  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.446 |      | 0.500 |  | 89.1 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.523 |      | 0.500 |  | 105  | 70-130 |  |  |  |

LCS (2425093-BS2) Prepared: 06/21/24 Analyzed: 06/21/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 57.4  | 20.0 | 50.0  |  | 115  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.557 |      | 0.500 |  | 111  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.451 |      | 0.500 |  | 90.1 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.535 |      | 0.500 |  | 107  | 70-130 |  |  |  |

Matrix Spike (2425093-MS2) Source: E406198-12 Prepared: 06/21/24 Analyzed: 06/22/24

|                                  |       |      |       |    |      |        |  |  |  |
|----------------------------------|-------|------|-------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 37.5  | 20.0 | 50.0  | ND | 75.0 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.495 |      | 0.500 |    | 98.9 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.465 |      | 0.500 |    | 93.0 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.504 |      | 0.500 |    | 101  | 70-130 |  |  |  |

Matrix Spike Dup (2425093-MSD2) Source: E406198-12 Prepared: 06/21/24 Analyzed: 06/22/24

|                                  |       |      |       |    |      |        |      |    |  |
|----------------------------------|-------|------|-------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 38.2  | 20.0 | 50.0  | ND | 76.4 | 70-130 | 1.95 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.489 |      | 0.500 |    | 97.7 | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.463 |      | 0.500 |    | 92.5 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.508 |      | 0.500 |    | 102  | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                 |                     |
|--------------------------------------|------------------|-----------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007      |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       | 6/24/2024 4:23:06PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2425094-BLK1) Prepared: 06/21/24 Analyzed: 06/24/24

|                                 |      |      |      |  |      |        |  |  |  |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |      |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |      |        |  |  |  |
| Surrogate: n-Nonane             | 49.9 |      | 50.0 |  | 99.8 | 50-200 |  |  |  |

LCS (2425094-BS1) Prepared: 06/21/24 Analyzed: 06/24/24

|                                 |      |      |      |  |     |        |  |  |  |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 317  | 25.0 | 250  |  | 127 | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 58.5 |      | 50.0 |  | 117 | 50-200 |  |  |  |

Matrix Spike (2425094-MS1) Source: E406198-07 Prepared: 06/21/24 Analyzed: 06/24/24

|                                 |      |      |      |    |     |        |  |  |  |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 304  | 25.0 | 250  | ND | 121 | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 55.7 |      | 50.0 |    | 111 | 50-200 |  |  |  |

Matrix Spike Dup (2425094-MSD1) Source: E406198-07 Prepared: 06/21/24 Analyzed: 06/24/24

|                                 |      |      |      |    |     |        |      |    |  |
|---------------------------------|------|------|------|----|-----|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 308  | 25.0 | 250  | ND | 123 | 38-132 | 1.50 | 20 |  |
| Surrogate: n-Nonane             | 53.8 |      | 50.0 |    | 108 | 50-200 |      |    |  |



QC Summary Data

|                                      |                  |                 |                     |
|--------------------------------------|------------------|-----------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Jayhawk 7 CTB 3 | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007      |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       | 6/24/2024 4:23:06PM |

Anions by EPA 300.0/9056A

Analyst: JM

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

|                                 |     |      |     |     |                                       |        |                                       |    |  |
|---------------------------------|-----|------|-----|-----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2425091-BLK1)            |     |      |     |     | Prepared: 06/20/24 Analyzed: 06/20/24 |        |                                       |    |  |
| Chloride                        | ND  | 20.0 |     |     |                                       |        |                                       |    |  |
| LCS (2425091-BS1)               |     |      |     |     | Prepared: 06/20/24 Analyzed: 06/20/24 |        |                                       |    |  |
| Chloride                        | 248 | 20.0 | 250 |     | 99.1                                  | 90-110 |                                       |    |  |
| Matrix Spike (2425091-MS1)      |     |      |     |     | Source: E406186-06                    |        | Prepared: 06/20/24 Analyzed: 06/20/24 |    |  |
| Chloride                        | 509 | 20.0 | 250 | 271 | 95.2                                  | 80-120 |                                       |    |  |
| Matrix Spike Dup (2425091-MSD1) |     |      |     |     | Source: E406186-06                    |        | Prepared: 06/20/24 Analyzed: 06/20/24 |    |  |
| Chloride                        | 527 | 20.0 | 250 | 271 | 103                                   | 80-120 | 3.65                                  | 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:    | Jayhawk 7 CTB 3 |                |
| PO Box 247                           | Project Number:  | 01058-0007      | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez       | 06/24/24 16:23 |

- 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 1

|  |  |   |  |   |  |                                      |  |  |  |  |  |
|--|--|---|--|---|--|--------------------------------------|--|--|--|--|--|
| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Jayhawk 7 CTB3<br><b>Project Manager:</b> Gio Gomez<br><b>Address:</b> 5614 N. Lovington Hwy.<br><b>City, State, Zip:</b> Hobbs, NM, 88240<br><b>Phone:</b> 806-782-1151<br><b>Email:</b> gio@pimaoil.com<br><b>Report due by:</b> |  | <b>Bill To</b><br><b>Attention:</b> Devon<br><b>Address:</b><br><b>City, State, Zip:</b><br><b>Phone:</b><br><b>Email:</b><br><b>Pima Project #</b> 360-2 |  | <b>Lab Use Only</b><br><b>Lab WO#</b> E406199<br><b>Job Number</b> 01058-0007<br><b>Analysis and Method</b> |  | <b>TAT</b><br>1D 2D 3D Standard<br>X |  |  |  | <b>EPA Program</b><br>CWA SDWA<br>RCRA |  |
|  |  |   |  |   |  | <b>State</b><br>NM CO UT AZ TX<br>X  |  |  |  |  |  |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID    | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX | Remarks |
|--------------|--------------|--------|-------------------|--------------|------------|-----------------|-----------------|--------------|-------------|-------------|----------------|----------|----------|---------|
| 8:25         | 6/20         | S      | 1                 | CS1 - Bottom | 1          |                 |                 |              |             |             |                | X        |          |         |
| 8:31         |              |        |                   | CS2 - Bottom | 2          |                 |                 |              |             |             |                |          |          |         |
| 8:36         |              |        |                   | CSW1         | 3          |                 |                 |              |             |             |                |          |          |         |
| 8:43         |              |        |                   | CSW2         | 4          |                 |                 |              |             |             |                |          |          |         |
| 8:49         |              |        |                   | CSW3         | 5          |                 |                 |              |             |             |                |          |          |         |
| 8:52         |              |        |                   | CSW4         | 6          |                 |                 |              |             |             |                |          |          |         |
| 8:59         |              |        |                   | CSW5         | 7          |                 |                 |              |             |             |                |          |          |         |
| 9:16         |              |        |                   | CSW6         | 8          |                 |                 |              |             |             |                |          |          |         |
|              |              |        |                   |              |            |                 |                 |              |             |             |                |          |          |         |
|              |              |        |                   |              |            |                 |                 |              |             |             |                |          |          |         |

## Additional Instructions:

B# 21344674

|   |  |  |  |  |  |   |  |  |  |  |  |
|---|--|--|--|--|--|---|--|--|--|--|--|
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. |  |  |  |  |  | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days. |  |  |  |  |  |
| <b>Relinquished by: (Signature)</b><br>Carime Adame<br><b>Date</b> 6-19-24 <b>Time</b> 1309<br><b>Received by: (Signature)</b><br>J. M.<br><b>Date</b> 6-19-24 <b>Time</b> 1309   |  |  |  |  |  | <b>Lab Use Only</b><br><b>Received on ice:</b> Y / N<br><b>T1</b> _____ <b>T2</b> _____ <b>T3</b> _____<br><b>AVG Temp °C</b> 4   |  |  |  |  |  |
| <b>Relinquished by: (Signature)</b><br>J. M.<br><b>Date</b> 6-20-24 <b>Time</b> 1630<br><b>Received by: (Signature)</b><br>K. R. Heeler<br><b>Date</b> 6-20-24 <b>Time</b> 1630   |  |  |  |  |  | <b>Relinquished by: (Signature)</b><br>K. R. Heeler<br><b>Date</b> 6-21-24 <b>Time</b> 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.

## Envirotech Analytical Laboratory

Printed: 6/21/2024 3:33:45PM

## 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:  | 06/21/24 05:30             | Work Order ID: | E406199       |
| Phone:  | (575) 631-6977                       | Date Logged In: | 06/20/24 17:28             | Logged In By:  | Raina Schwanz |
| Email:  | gio@pimaoil.com                      | Due Date:       | 06/21/24 17:00 (0 day TAT) |                |               |

**Chain of Custody (COC)**

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

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

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

**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**  
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**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 362027

QUESTIONS

|   |                |   |
|---|----------------|---|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:         | 6137  |
|   | Action Number: | 362027  |
|   | Action Type:   | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|   |                |   |

QUESTIONS

|                   |                                     |
|-------------------|-------------------------------------|
| Prerequisites     |                                     |
| Incident ID (n#)  | nAPP2412148467                      |
| Incident Name     | NAPP2412148467 JAYHAWK 7 CTB 3 @ 0  |
| Incident Type     | Produced Water Release              |
| Incident Status   | Remediation Closure Report Received |
| Incident Facility | [fAPP2130256817] JAYHAWK 7 CTB 3    |

|  |                 |
|--|-----------------|
| Location of Release Source                     |                 |
| Please answer all the questions in this group. |                 |
| Site Name                                      | JAYHAWK 7 CTB 3 |
| Date Release Discovered                        | 04/30/2024      |
| Surface Owner                                  | Federal         |

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

|  |   |
|--|---|
| Nature and Volume of Release   |   |
| Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. |   |
| Crude Oil Released (bbls) Details  | Not answered.   |
| Produced Water Released (bbls) Details   | Cause: Equipment Failure   Valve   Produced Water   Released: 9 BBL   Recovered: 5 BBL   Lost: 4 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)                                 | valve on separator formed a pinhole. well was shut in. leak isolated. truck called out for recovery. 5 bbls recovered |

**District I**

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**District III**

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**District IV**

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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, Page 2

Action 362027

**QUESTIONS (continued)**

|   |                |   |
|---|----------------|---|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:         | 6137  |
|   | Action Number: | 362027  |
|   | Action Type:   | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|   |                |   |

**QUESTIONS**

| <b>Nature and Volume of Release (continued)</b>  |  |
|--|--|
| Is this a gas only submission (i.e. only significant Mcf values reported)  | <b>No, according to supplied volumes this does not appear to be a "gas only" report.</b> |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC   | <b>No</b>  |
| Reasons why this would be considered a submission for a notification of a major release  | <i>Unavailable.</i>  |
| <i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i> |  |

**Initial Response**

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

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

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

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

|  |  |
|--|--|
| I hereby agree and sign off to the above statement | Name: Dale Woodall<br>Title: EHS Professional<br>Email: Dale.Woodall@dmv.com<br>Date: 07/09/2024 |
|--|--|

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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, Page 3

Action 362027

**QUESTIONS (continued)**

|   |  |
|---|--|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID: 6137  |
|   | Action Number: 362027  |
|   | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS****Site Characterization**

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

|  |                                |
|--|--------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.)      |
| What method was used to determine the depth to ground water  | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water   | No                             |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>   |                                |
| A continuously flowing watercourse or any other significant watercourse  | Greater than 5 (mi.)           |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)  | Greater than 5 (mi.)           |
| An occupied permanent residence, school, hospital, institution, or church  | Greater than 5 (mi.)           |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes  | Greater than 5 (mi.)           |
| Any other fresh water well or spring   | Greater than 5 (mi.)           |
| Incorporated municipal boundaries or a defined municipal fresh water well field  | Greater than 5 (mi.)           |
| A wetland  | Between 1 and 5 (mi.)          |
| A subsurface mine  | Greater than 5 (mi.)           |
| An (non-karst) unstable area   | Greater than 5 (mi.)           |
| Categorize the risk of this well / site being in a karst geology   | Low                            |
| A 100-year floodplain  | Greater than 5 (mi.)           |
| Did the release impact areas not on an exploration, development, production, or storage site                               | No                             |

**Remediation Plan**

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

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

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

|   |      |
|---|------|
| Chloride (EPA 300.0 or SM4500 Cl B)         | 88.4 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 0    |
| GRO+DRO (EPA SW-846 Method 8015M)           | 0    |
| BTEX (EPA SW-846 Method 8021B or 8260B)     | 0    |
| Benzene (EPA SW-846 Method 8021B or 8260B)  | 0    |

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

|   |            |
|---|------------|
| On what estimated date will the remediation commence                        | 06/25/2024 |
| On what date will (or did) the final sampling or liner inspection occur     | 06/25/2024 |
| On what date will (or was) the remediation complete(d)                      | 06/25/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed  | 0          |
| What is the estimated volume (in cubic yards) that will be reclaimed        | 0          |
| What is the estimated surface area (in square feet) that will be remediated | 0          |
| What is the estimated volume (in cubic yards) that will be remediated       | 0          |

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

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

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

QUESTIONS, Page 4

Action 362027

**QUESTIONS (continued)**

|   |   |
|---|---|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137  |
|   | Action Number:<br>362027  |
|   | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|   |   |

**QUESTIONS**

|  |  |
|--|--|
| <b>Remediation Plan (continued)</b>  |  |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>   |  |
| <b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>   |  |
| <i>(Select all answers below that apply.)</i>  |  |
| (Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)  | <i>Not answered.</i>   |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)  | <i>Not answered.</i>   |
| (In Situ) Soil Vapor Extraction  | <i>Not answered.</i>   |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)  | <i>Not answered.</i>   |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)   | <i>Not answered.</i>   |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)   | <i>Not answered.</i>   |
| Ground Water Abatement pursuant to 19.15.30 NMAC   | <i>Not answered.</i>   |
| OTHER (Non-listed remedial process)  | <b>Yes</b>   |
| Other Non-listed Remedial Process. Please specify  | analytical results were below state action levels  |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>   |  |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |  |
| I hereby agree and sign off to the above statement   | Name: Dale Woodall<br>Title: EHS Professional<br>Email: Dale.Woodall@dmn.com<br>Date: 07/09/2024 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>  |  |

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Action 362027

QUESTIONS (continued)

|   |   |
|---|---|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137  |
|   | Action Number:<br>362027  |
|   | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

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QUESTIONS, Page 6

Action 362027

**QUESTIONS (continued)**

|   |                |   |
|---|----------------|---|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:         | 6137  |
|   | Action Number: | 362027  |
|   | Action Type:   | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|   |                |   |

**QUESTIONS**

|   |            |
|---|------------|
| <b>Sampling Event Information</b>   |            |
| Last sampling notification (C-141N) recorded  | 355059     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 06/20/2024 |
| What was the (estimated) number of samples that were to be gathered                             | 8          |
| What was the sampling surface area in square feet   | 80         |

**Remediation Closure Request**

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

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

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

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

|  |  |
|--|--|
| I hereby agree and sign off to the above statement | Name: Dale Woodall<br>Title: EHS Professional<br>Email: Dale.Woodall@dmn.com<br>Date: 07/09/2024 |
|--|--|

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QUESTIONS, Page 7  
  
Action 362027

QUESTIONS (continued)

|   |                |
|---|----------------|
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|   | 6137           |
|   | Action Number: |
|   | 362027         |
| Action Type:  |                |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure)   |                |

QUESTIONS

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

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CONDITIONS  
  
Action 362027

CONDITIONS

|   |   |
|---|---|
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CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| nvelez     | None      | 8/20/2024      |