

| | |
|----------------|----------------|
| Incident ID | nAPP2225823991 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 2/23/2023
email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: Jocelyn Harimon Date: 02/23/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 6/27/2023
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



Pima Environmental Services
5614 N. Lovington Highway
Hobbs, NM 88240
575-964-7740

February 16, 2023

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

Re: Site Assessment, Remediation, and Closure Report
Spica 25 Fed 3H
API No. 30-015-40220
GPS: Latitude 32.628933 Longitude -103.830276
UL -- L, 25, T19S, R31E
Eddy County, NM
NMOCD Ref. No. NAPP2225823991

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a produced water release that occurred at the Spica 25 Fed 3H (Spica). The initial C-141 was submitted on September 29, 2022 (Appendix C). This incident was assigned Incident ID NAPP2225823991 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Spica is located approximately twenty (20) miles southwest of Eunice, NM. This spill site is in Unit L, Section 25, Township 19S, Range 31E, Latitude 32.628933 Longitude -103.830276, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Eolian and piedmont deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Wink loamy fine sand, 0 to 3 percent slopes 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 Spica (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 130 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 650 feet BGS. The closest waterway is a Salt Playa located approximately 2.83 miles to the north of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29

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

Reference Figure 2 for a Topographic Map.

Release Information

NAPP2225823991: On September 13, 2022, A flowline developed a leak causing fluid to run into the pasture. The released fluids were calculated to be approximately 3 barrels (bbls) of produced water. Vacuum trucks couldn't recover any fluid.

Remediation Activities, Site Assessment, and Soil Sampling Results

On September 20, 2022, Pima mobilized personnel to the site to begin collecting soil samples from the affected 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.

9-20-22 Soil Sample Results

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50') | | | | | | | | |
|---|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY - SPICA 25 FED #3H | | | | | | | | |
| Sample Date: 9/20/22 | | 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 |
| S-1 | 2' | 3.56 | ND | 75.6 | 1910 | 640 | 2625.6 | 12200 |
| | 3' | 0.201 | ND | ND | 688 | 314 | 1002 | 3690 |
| | 4' | ND | ND | ND | ND | ND | 0 | 83.7 |
| S-2 | 2' | 14.1 | ND | ND | 7220 | 2630 | 9850 | 12600 |
| | 3' | 0.0275 | ND | ND | 239 | 125 | 364 | 3510 |
| | 4' | ND | ND | ND | ND | ND | 0 | ND |
| S-3 | 2' | 12.8 | 0.117 | 200 | 7260 | 2500 | 9960 | 31.6 |
| | 3' | ND | ND | ND | ND | ND | 0 | 4020 |
| | 4' | ND | ND | ND | ND | ND | 0 | ND |
| SW 1 | 1' | ND | ND | ND | ND | ND | 0 | ND |
| SW 2 | 1' | ND | ND | ND | ND | ND | 0 | ND |
| SW 3 | 1' | ND | ND | ND | ND | ND | 0 | ND |
| SW 4 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| SW 5 | 5' | ND | ND | ND | ND | ND | 0 | ND |
| SW 6 | 6" | ND | ND | ND | ND | ND | 0 | ND |
| SW 7 | 6" | ND | ND | ND | ND | ND | 0 | ND |
| BG 1 | 6" | ND | ND | ND | ND | ND | 0 | ND |
| BG 2 | 6" | ND | ND | ND | ND | ND | 0 | ND |

ND- Analyte Not Detected

Remediation Activities

On January 23, 2023, the Devon Construction Department mobilized personnel and equipment to conduct remedial activities. They excavated the areas from S-1 through S 3 to a depth of 4' BGS. Pima personnel collected samples to verify all contaminated soil had been removed. The contaminated soil was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On February 3, 2023, after sending a 48-hour notification (Appendix C), Pima began collecting confirmation samples of the affected areas. The laboratory results of this sampling event can be found in the following data table. A Confirmation Sample Map can be found in Figure 5.

2-3-23 Confirmation Samples Results

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50') | | | | | | | | |
|---|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY - SPICA 25 FED #3H | | | | | | | | |
| Sample Date: 2/3/2023 | | NM Approved Laboratory Results | | | | | | |
| Sample ID | Depth (BGS) | BTEX mg/kg | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
| CS-1 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-2 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-3 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-4 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-5 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-6 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-7 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-8 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-9 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-10 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-11 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-12 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-13 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-14 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-15 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CS-16 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-1 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-2 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-3 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-4 | 4' | ND | ND | ND | ND | ND | 0 | ND |

| | | | | | | | | |
|--------|----|----|----|----|----|----|---|----|
| CSW-5 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-6 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-7 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-8 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-9 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-10 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-11 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-12 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-13 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-14 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-15 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-16 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-17 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-18 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-19 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-20 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-21 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-22 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-23 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-24 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-25 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-26 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-27 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-28 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-29 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-30 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-31 | 4' | ND | ND | ND | ND | ND | 0 | ND |
| CSW-32 | 4' | ND | ND | ND | ND | ND | 0 | ND |

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was sufficiently removed then transported to an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and returned to its previous state. See Appendix D for Photographic Documentation.

Closure Request

After careful review, Pima requests that this incident, NAPP2225823991 be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 806-782-1151 or gio@pimaoil.com.

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 – C-141 Form and 48 Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map

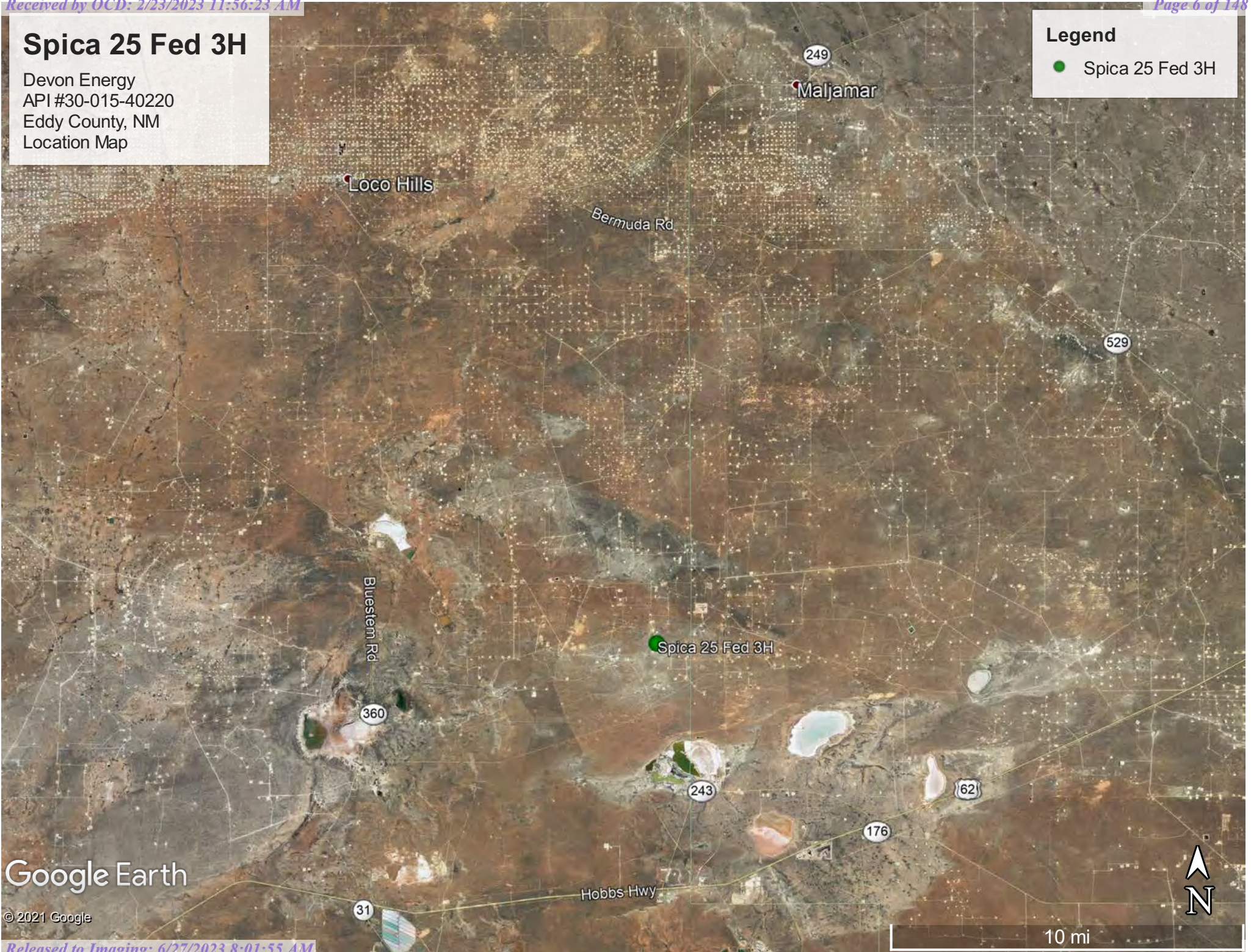
5-Confirmation Site Map

Spica 25 Fed 3H

Devon Energy
API #30-015-40220
Eddy County, NM
Location Map

Legend

Spica 25 Fed 3H



Google Earth

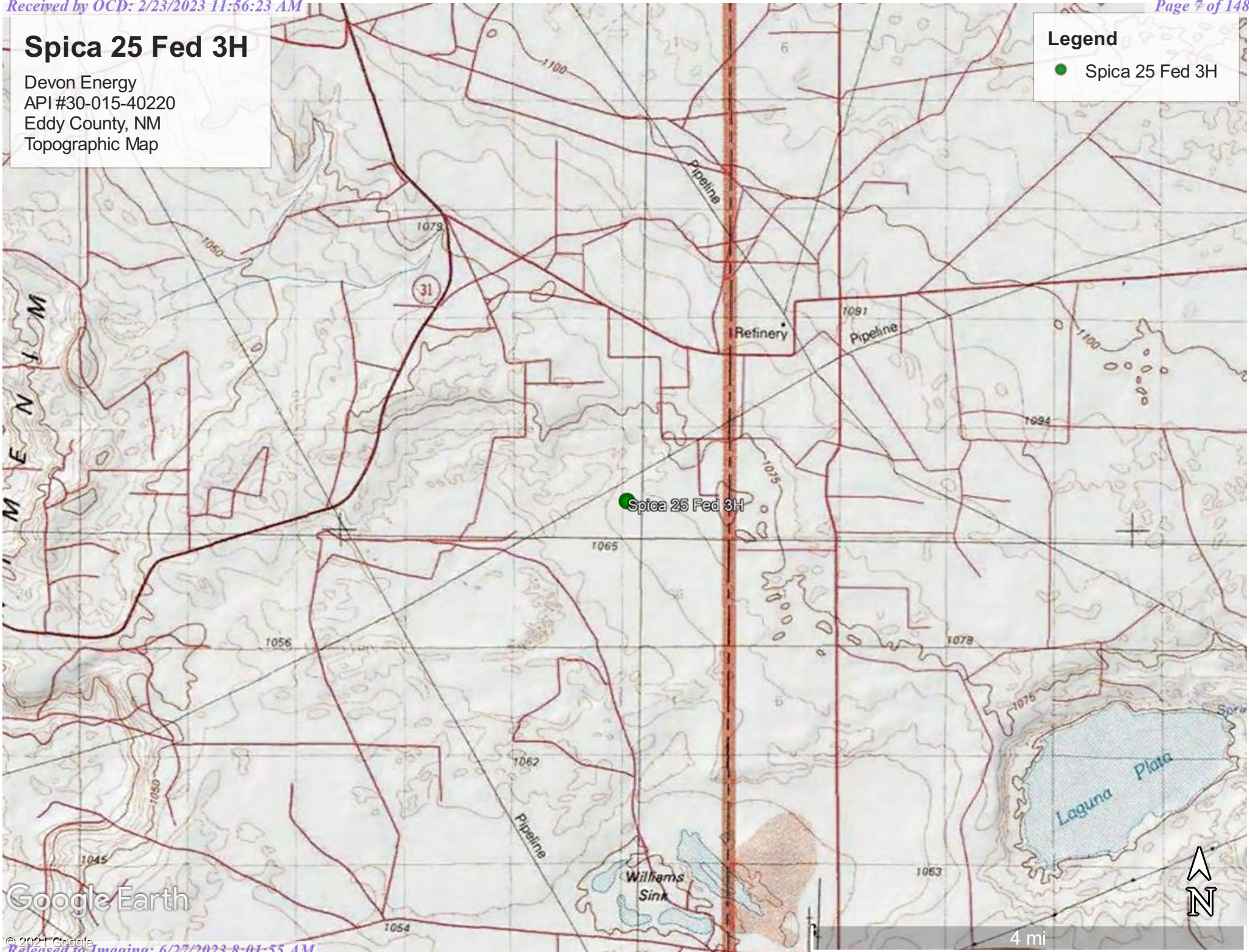
© 2021 Google

Spica 25 Fed 3H

Devon Energy
API #30-015-40220
Eddy County, NM
Topographic Map

Legend

Spica 25 Fed 3H



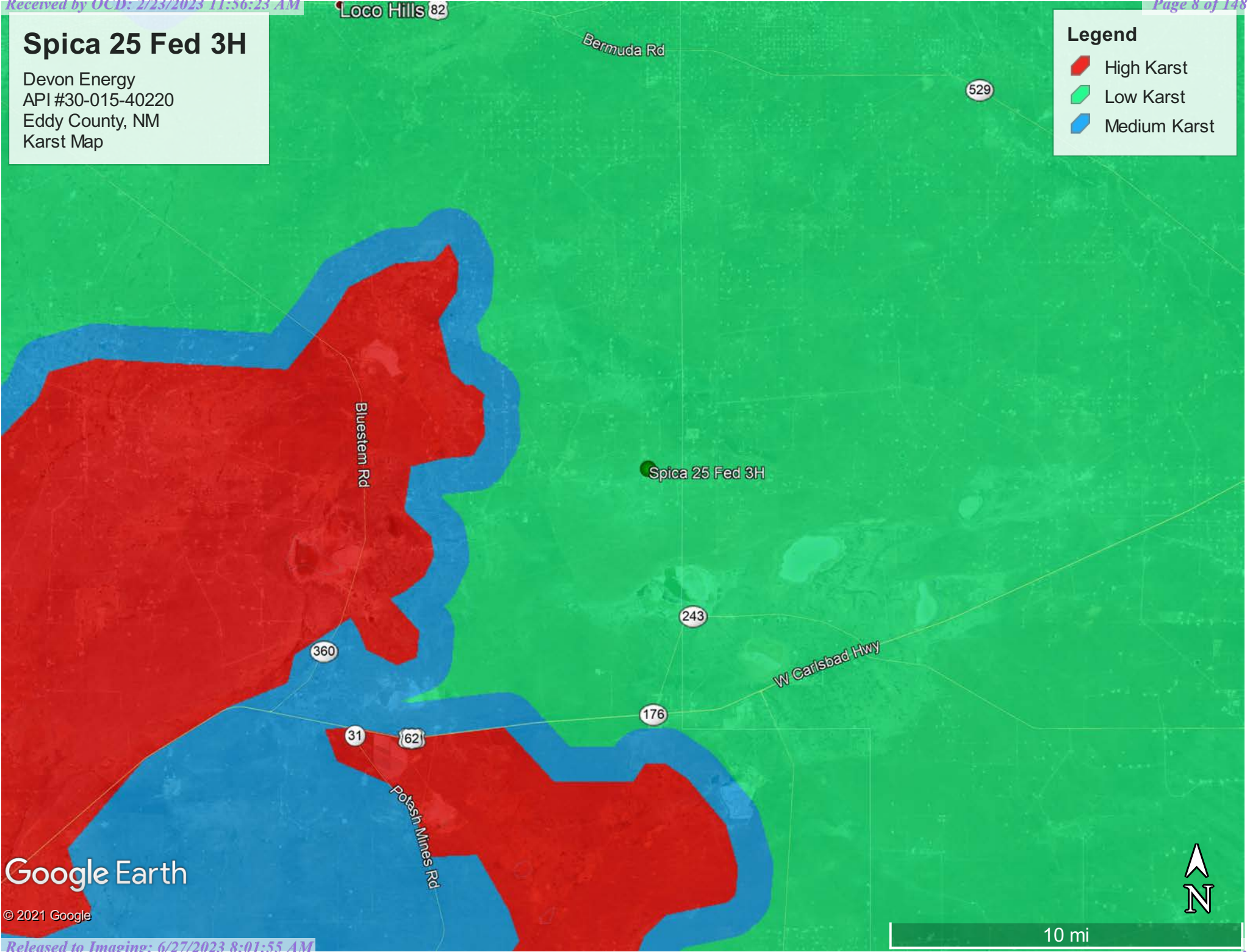
Google Earth

Spica 25 Fed 3H

Devon Energy
API #30-015-40220
Eddy County, NM
Karst Map

Legend

- High Karst
- Low Karst
- Medium Karst



Google Earth

© 2021 Google

Spica 25 Fed 3H

Devon Energy
API: 30-015-40220
Eddy County, NM
Site Map

Legend

- Backgrounds/Sidewalls
- Samples
- 📌 Spica 25 Fed 3H
- 🔴 Spill Area

Spica 25 Fed 3H

BG2

SW3

SW4

SW2

S3

SW1

S2

S1

SW6

SW5

SW7

BG1



100 ft

Google Earth

Spica 25 Fed 3H

Devon Energy
API: 30-015-40220
Eddy County, NM
Confirmation Sample Map

Legend

- Confirmation Samples
- Confirmation Sidewalls
- Spica 25 Fed 3H

Spica 25 Fed 3H

CSW10 CSW14
CS1 CS4 CSW16
CSW5 CSW4 CSW19
CSW3 CS15 CSW21
CSW31 CSW32 CSW27



100 ft



Pima Environmental Services

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 | DepthWell | DepthWater | Water Column |
|-------------------------------|------|---------------|--------|------|------|-----|-----|-----|-----|--------|----------|----------|-----------|------------|--------------|
| CP 00641 POD1 | | CP | ED | 4 | 1 | 36 | 19S | 31E | | 610247 | 3609634* | 1260 | 300 | 130 | 170 |
| CP 00642 POD1 | | CP | ED | 2 | 2 | 25 | 19S | 31E | | 611025 | 3611657* | 1586 | 250 | | |
| CP 00563 POD1 | | CP | LE | 1 | 1 | 2 | 19 | 19S | 32E | 612118 | 3613376* | 3547 | 300 | | |
| CP 01554 POD2 | | CP | LE | 2 | 2 | 1 | 22 | 19S | 31E | 607165 | 3613322 | 3600 | 400 | | |
| CP 01554 POD1 | | CP | LE | 2 | 2 | 1 | 22 | 19S | 31E | 607166 | 3613354 | 3623 | 400 | | |
| CP 00640 POD1 | | CP | LE | 2 | 2 | 19 | 19S | 32E | | 612621 | 3613280* | 3843 | 260 | 102 | 158 |
| CP 00639 POD1 | | CP | LE | 3 | 1 | 20 | 19S | 32E | | 613029 | 3612880* | 3932 | 350 | 345 | 5 |

Average Depth to Water: **192 feet**

Minimum Depth: **102 feet**

Maximum Depth: **345 feet**

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 609707.96

Northing (Y): 3610773.1

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.

3/22/21 4:44 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



[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](#) to access real-time data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation

* IMPORTANT: [Next Generation Station Page](#)

Search Results -- 1 sites found

site_no list =

- 323712103491001

Minimum number of levels = 1

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

USGS 323712103491001 19S.32E.31.114

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

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

Land-surface elevation 3,497 feet above NAVD88

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

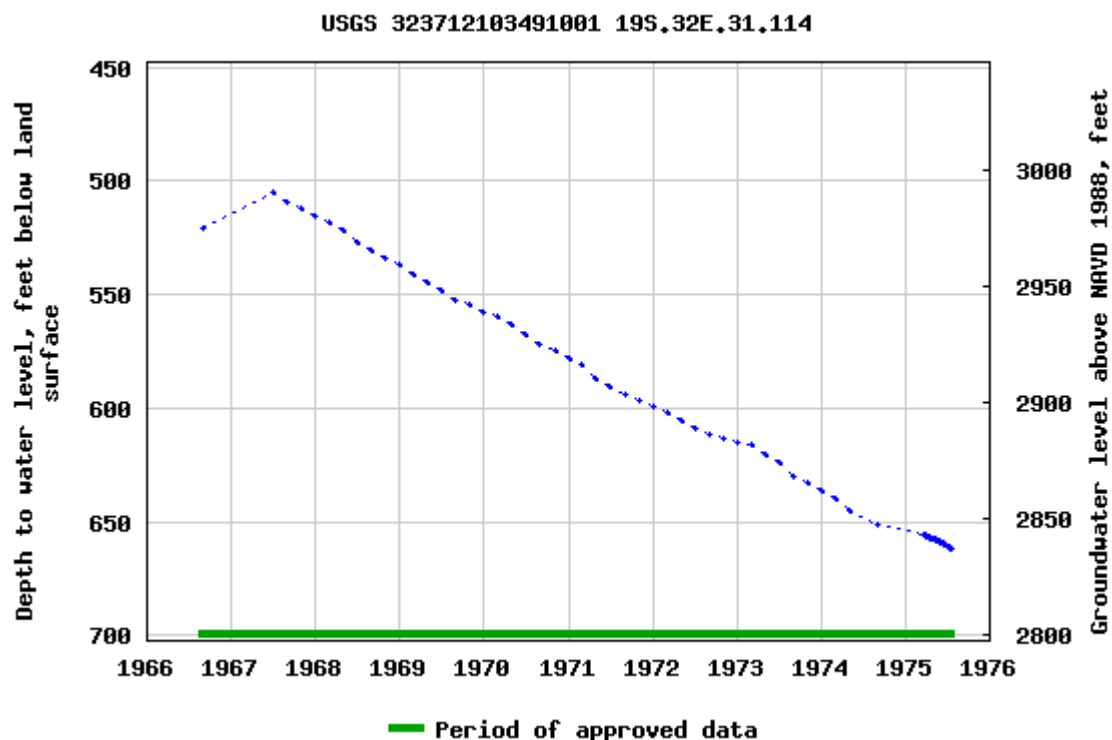
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.
[Download a presentation-quality graph](#)

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

Title: Groundwater for USA: Water Levels

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

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

Page Last Modified: 2021-04-12 13:14:08 EDT



0.72 0.63 nadww01

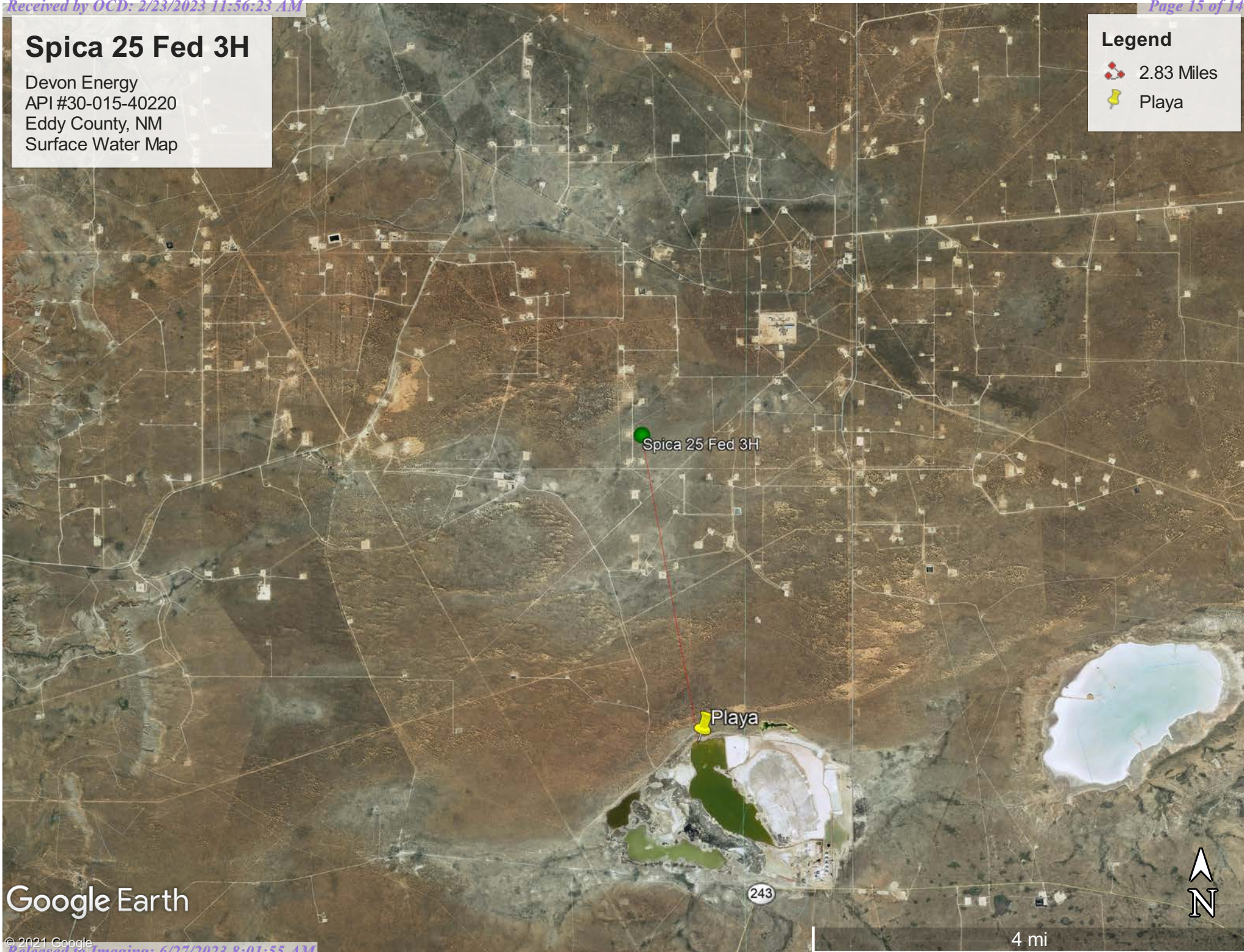


Spica 25 Fed 3H

Devon Energy
API #30-015-40220
Eddy County, NM
Surface Water Map

Legend

-  2.83 Miles
-  Playa



Google Earth



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

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

Eddy Area, New Mexico

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

Map Unit Setting

National map unit symbol: 1w6c

Elevation: 2,700 to 5,000 feet

Mean annual precipitation: 5 to 14 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 250 days

Farmland classification: Not prime farmland

Map Unit Composition

Wink and similar soils: 98 percent

Minor components: 2 percent

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

Description of Wink

Setting

Landform: Swales, depressions

Landform position (three-dimensional): Talf

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 8 inches: loamy fine sand

H2 - 8 to 38 inches: fine sandy loam

H3 - 38 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Very low

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

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 30 percent

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

Sodium adsorption ratio, maximum: 1.0

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

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

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

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

Minor Components

Wink

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

Simona

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

Data Source Information

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



National Flood Hazard Layer FIRMette



103°50'8"W 32°37'59"N



Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/12/2021 at 1:17 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Wetlands Map



September 21, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



Pima Environmental Services

Appendix C

C-141 Form

48-Hour Notification

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|----------------|----------------|
| Incident ID | nAPP2225823991 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | |
|---|------------------------------|
| Responsible Party Devon Energy Production Company | OGRID 6137 |
| Contact Name Dale Woodall | Contact Telephone |
| Contact email Dale.Woodall@dvn.com | Incident # (assigned by OCD) |
| Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210 | |

Location of Release Source

Latitude 32.628933 Longitude -103.830276
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|-----------------------------------|----------------------|
| Site Name Spica 25 fed 3H | Site Type Oil |
| Date Release Discovered 9/13/2022 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| L | 25 | 19S | 31E | Lea |

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|--|--|--|
| <input type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 3 BBLS | Volume Recovered (bbls) 0 BBLs |
| | Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release Flowline developed leak. Fluid ran into pasture.

| | |
|----------------|----------------|
| Incident ID | nAPP2225823991 |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|--|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? Spill went off pad. |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? NOR notice on OCD website by Dale Woodall on 9/15/2022. | |

Initial Response

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

| | |
|--|--------------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. | |
| If all the actions described above have <u>not</u> been undertaken, explain why: | |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. | |
| 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. | |
| Printed Name: Kendra Ruiz | Title: EHS Associate |
| Signature: Kendra Ruiz | Date: 9/29/2022 |
| email: Kendra.Ruiz@dvn.com | Telephone: 575-748-0167 |
| <u>OCD Only</u> | |
| Received by: Jocelyn Harimon | Date: 09/29/2022 |

| Spill Volume(Bbls) Calculator | |
|---|-----------------------------|
| Inputs in <i>blue</i> , Outputs in <i>red</i> | |
| Contaminated Soil measurement | |
| Area (square feet) | Depth(inches) |
| 2047.786 | 0.500 |
| Cubic Feet of Soil Impacted | 85.324 |
| Barrels of Soil Impacted | 15.21 |
| Soil Type | Sand |
| Barrels of Oil Assuming 100% Saturation | 3.04 |
| Saturation | Damp no fluid when squeezed |
| Estimated Barrels of Oil Released | 0.30 |
| Free Standing Fluid Only | |
| Area (square feet) | Depth(inches) |
| 2047.786 | 0.125 |
| 904.046 | |
| Total fluids spilled | 3.042 |

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

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

CONDITIONS

Action 147507

CONDITIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 147507 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| jharimon | None | 9/29/2022 |

| | |
|----------------|----------------|
| Incident ID | nAPP2225823991 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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? | <50 (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

| | |
|----------------|----------------|
| Incident ID | nAPP2225823991 |
| District RP | |
| Facility ID | |
| Application ID | |

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.

Printed Name: Dale Woodall Title: EHS Professional
Signature: *Dale Woodall* Date: 2/23/2023
email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: Jocelyn Harimon Date: 02/23/2023

| | |
|----------------|----------------|
| Incident ID | nAPP2225823991 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 2/23/2023
email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: Jocelyn Harimon Date: 02/23/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



Gio PimaOil <gio@pimaoil.com>

Confirmation of Sampling Spica 25 Fed 3H

1 message

Gio PimaOil <gio@pimaoil.com>

Thu, Jan 26, 2023 at 2:31 PM

To: ocdonline@state.nm.us, Tom Pima Oil <tom@pimaoil.com>

Good Afternoon,

Pima Environmental would like to notify you that we will begin collecting confirmation samples at the Spica 25 Federal 3H for incidents NAB1718649427 & NAPP225823991. Pima personnel are scheduled to be on site for this sampling event at approximately 8:00 a.m. on Sunday, January 29, 2023. If you have any questions or concerns, please let me know. Thank you.

--

Gio Gomez

Project Manager

cell-806-782-1151

Office- 575-964-7740

Pima Environmental Services, LLC.



Pima Environmental Services

Appendix D

Photographic Documentation



**SITE PHOTOGRAPHS
DEVON ENERGY
SPICA 25 FED 3H**

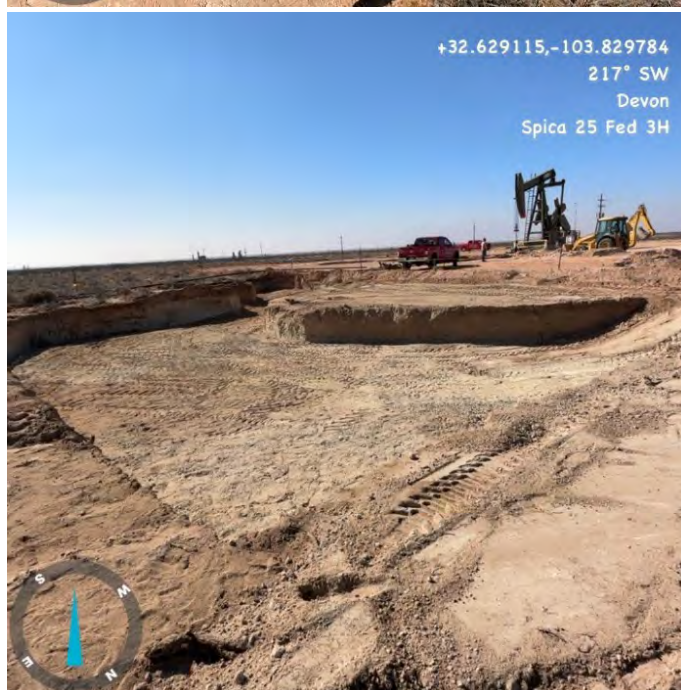
Pre-Excavation





Excavation







Post Excavation





Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Spica 25 Fed 3H

Work Order: E209135

Job Number: 01058-0007

Received: 9/23/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/29/22

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.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/29/22



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Spica 25 Fed 3H
Workorder: E209135
Date Received: 9/23/2022 10:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/23/2022 10:30:00AM, under the Project Name: Spica 25 Fed 3H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area
Lynn Jarboe
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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|--------------------------------------|------------------|-----------------|----------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 09/29/22 16:39 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| S.4 1' | E209135-01A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.4 4' | E209135-02A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.4 5' | E209135-03A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.5 1' | E209135-04A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.5 4' | E209135-05A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.5 5' | E209135-06A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.6 1' | E209135-07A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.7 1' | E209135-08A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.8 1' | E209135-09A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.9 1' | E209135-10A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.10 1' | E209135-11A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.11 1' | E209135-12A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.11 4' | E209135-13A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| S.11 5' | E209135-14A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| SW8 | E209135-15A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| SW9 | E209135-16A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| SW10 | E209135-17A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| SW11 | E209135-18A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| SW12 | E209135-19A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |
| SW13 | E209135-20A | Soil | 09/21/22 | 09/23/22 | Glass Jar, 4 oz. |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.4 1'
E209135-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 99.5 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.8 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 105 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 99.5 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.8 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 105 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 98.5 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | 1450 | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.4 4'

E209135-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2239114 | |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 98.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 95.3 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 104 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2239114 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 98.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 95.3 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 104 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: JL | | Batch: 2240015 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 102 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2240006 | |
| Chloride | 3300 | 40.0 | 2 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.4 5'

E209135-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 95.9 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.0 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 95.9 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.0 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 97.5 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | ND | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.5 1'

E209135-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 96.9 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 94.0 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 96.9 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 94.0 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 101 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | 1940 | 40.0 | 2 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.5 4'

E209135-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.8 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 105 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.8 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 105 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 102 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | 1320 | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.5 5'

E209135-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.5 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 91.7 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.5 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 91.7 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 103 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | ND | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.6 1'

E209135-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2239114 | |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 91.9 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 107 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2239114 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 91.9 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 107 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: JL | | Batch: 2240015 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 101 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2240006 | |
| Chloride | ND | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.7 1'

E209135-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 96.7 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 93.1 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 104 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 96.7 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 93.1 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 104 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 99.9 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | 24.0 | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.8 1'

E209135-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 99.1 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.2 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 107 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 99.1 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.2 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 107 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 104 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | 33.5 | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.9 1'

E209135-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 98.6 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 91.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 107 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 98.6 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 91.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 107 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | 39.6 | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 112 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | 42.1 | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.10 1'

E209135-11

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.2 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 92.3 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 105 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.2 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 92.3 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 105 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 109 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | 75.9 | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.11 1'

E209135-12

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 108 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.4 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 108 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 109 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | 1130 | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.11 4'

E209135-13

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2239114 | |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 98.1 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 90.3 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2239114 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 98.1 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 90.3 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: JL | | Batch: 2240015 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 109 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2240006 | |
| Chloride | 3730 | 40.0 | 2 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

S.11 5'

E209135-14

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2239114 | |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 98.2 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.7 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2239114 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 98.2 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.7 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: JL | | Batch: 2240015 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 109 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2240006 | |
| Chloride | ND | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

SW8

E209135-15

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 98.7 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 90.3 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 107 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 98.7 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 90.3 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 107 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 92.2 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | ND | 20.0 | 1 | 09/26/22 | 09/29/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

SW9

E209135-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 96.2 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 93.1 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 96.2 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 93.1 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 90.9 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | ND | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

SW10

E209135-17

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 96.2 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.8 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 107 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 96.2 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.8 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 107 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 89.5 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | ND | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

SW11

E209135-18

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.6 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 90.9 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 105 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.6 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 90.9 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 105 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 88.3 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | ND | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

SW12

E209135-19

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 94.3 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 97.0 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 105 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 94.3 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 97.0 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 105 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 89.4 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | ND | 20.0 | 1 | 09/26/22 | 09/28/22 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/29/2022 4:39:24PM

SW13

E209135-20

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Benzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Toluene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/23/22 | 09/27/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.1 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 91.5 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2239114 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/23/22 | 09/27/22 | |
| Surrogate: Bromofluorobenzene | 97.1 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | 91.5 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Surrogate: Toluene-d8 | 106 % | 70-130 | | 09/23/22 | 09/27/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2240015 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/27/22 | 09/28/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/27/22 | 09/28/22 | |
| Surrogate: n-Nonane | 89.9 % | 50-200 | | 09/27/22 | 09/28/22 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2240006 |
| Chloride | ND | 20.0 | 1 | 09/26/22 | 09/28/22 | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 9/29/2022 4:39:24PM |

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2239114-BLK1)

Prepared: 09/23/22 Analyzed: 09/27/22

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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 | 0.477 | | 0.500 | | 95.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.474 | | 0.500 | | 94.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.529 | | 0.500 | | 106 | 70-130 | | | |

LCS (2239114-BS1)

Prepared: 09/23/22 Analyzed: 09/27/22

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene | 2.14 | 0.0250 | 2.50 | | 85.7 | 70-130 | | | |
| Ethylbenzene | 2.19 | 0.0250 | 2.50 | | 87.5 | 70-130 | | | |
| Toluene | 2.17 | 0.0250 | 2.50 | | 86.6 | 70-130 | | | |
| o-Xylene | 2.05 | 0.0250 | 2.50 | | 82.0 | 70-130 | | | |
| p,m-Xylene | 4.06 | 0.0500 | 5.00 | | 81.2 | 70-130 | | | |
| Total Xylenes | 6.11 | 0.0250 | 7.50 | | 81.5 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.498 | | 0.500 | | 99.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.474 | | 0.500 | | 94.7 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.529 | | 0.500 | | 106 | 70-130 | | | |

Matrix Spike (2239114-MS1)

Source: E209135-01

Prepared: 09/23/22 Analyzed: 09/27/22

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|----|------|--------|--|--|--|
| Benzene | 2.13 | 0.0250 | 2.50 | ND | 85.2 | 48-131 | | | |
| Ethylbenzene | 2.19 | 0.0250 | 2.50 | ND | 87.6 | 45-135 | | | |
| Toluene | 2.14 | 0.0250 | 2.50 | ND | 85.6 | 48-130 | | | |
| o-Xylene | 2.06 | 0.0250 | 2.50 | ND | 82.4 | 43-135 | | | |
| p,m-Xylene | 4.06 | 0.0500 | 5.00 | ND | 81.2 | 43-135 | | | |
| Total Xylenes | 6.12 | 0.0250 | 7.50 | ND | 81.6 | 43-135 | | | |
| Surrogate: Bromofluorobenzene | 0.501 | | 0.500 | | 100 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.508 | | 0.500 | | 102 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.531 | | 0.500 | | 106 | 70-130 | | | |

Matrix Spike Dup (2239114-MSD1)

Source: E209135-01

Prepared: 09/23/22 Analyzed: 09/27/22

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|----|------|--------|-------|----|--|
| Benzene | 2.14 | 0.0250 | 2.50 | ND | 85.6 | 48-131 | 0.468 | 23 | |
| Ethylbenzene | 2.15 | 0.0250 | 2.50 | ND | 85.9 | 45-135 | 1.98 | 27 | |
| Toluene | 2.11 | 0.0250 | 2.50 | ND | 84.5 | 48-130 | 1.27 | 24 | |
| o-Xylene | 2.01 | 0.0250 | 2.50 | ND | 80.4 | 43-135 | 2.48 | 27 | |
| p,m-Xylene | 3.97 | 0.0500 | 5.00 | ND | 79.5 | 43-135 | 2.13 | 27 | |
| Total Xylenes | 5.98 | 0.0250 | 7.50 | ND | 79.8 | 43-135 | 2.25 | 27 | |
| Surrogate: Bromofluorobenzene | 0.499 | | 0.500 | | 99.8 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.490 | | 0.500 | | 98.0 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.528 | | 0.500 | | 106 | 70-130 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: 9/29/2022 4:39:24PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2239114-BLK1)

Prepared: 09/23/22 Analyzed: 09/27/22

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.477 | | 0.500 | | 95.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.474 | | 0.500 | | 94.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.529 | | 0.500 | | 106 | 70-130 | | | |

LCS (2239114-BS2)

Prepared: 09/23/22 Analyzed: 09/27/22

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 54.5 | 20.0 | 50.0 | | 109 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.488 | | 0.500 | | 97.6 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.466 | | 0.500 | | 93.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.527 | | 0.500 | | 105 | 70-130 | | | |

Matrix Spike (2239114-MS2)

Source: E209135-01

Prepared: 09/23/22 Analyzed: 09/27/22

| | | | | | | | | | |
|----------------------------------|-------|------|-------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 53.2 | 20.0 | 50.0 | ND | 106 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.489 | | 0.500 | | 97.7 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.479 | | 0.500 | | 95.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.526 | | 0.500 | | 105 | 70-130 | | | |

Matrix Spike Dup (2239114-MSD2)

Source: E209135-01

Prepared: 09/23/22 Analyzed: 09/27/22

| | | | | | | | | | |
|----------------------------------|-------|------|-------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 48.8 | 20.0 | 50.0 | ND | 97.6 | 70-130 | 8.58 | 20 | |
| Surrogate: Bromofluorobenzene | 0.490 | | 0.500 | | 97.9 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.502 | | 0.500 | | 100 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.530 | | 0.500 | | 106 | 70-130 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: 9/29/2022 4:39:24PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2240015-BLK1)

Prepared: 09/27/22 Analyzed: 09/28/22

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: <i>n</i> -Nonane | 50.6 | | 50.0 | | 101 | 50-200 | | | |

LCS (2240015-BS1)

Prepared: 09/27/22 Analyzed: 09/28/22

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 234 | 25.0 | 250 | | 93.7 | 38-132 | | | |
| Surrogate: <i>n</i> -Nonane | 44.2 | | 50.0 | | 88.3 | 50-200 | | | |

Matrix Spike (2240015-MS1)

Source: E209135-15

Prepared: 09/27/22 Analyzed: 09/28/22

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 233 | 25.0 | 250 | ND | 93.2 | 38-132 | | | |
| Surrogate: <i>n</i> -Nonane | 44.1 | | 50.0 | | 88.3 | 50-200 | | | |

Matrix Spike Dup (2240015-MSD1)

Source: E209135-15

Prepared: 09/27/22 Analyzed: 09/28/22

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 237 | 25.0 | 250 | ND | 94.7 | 38-132 | 1.62 | 20 | |
| Surrogate: <i>n</i> -Nonane | 45.2 | | 50.0 | | 90.4 | 50-200 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: 9/29/2022 4:39:24PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2240006-BLK1)

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride ND 20.0

LCS (2240006-BS1)

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride 246 20.0 250 98.6 90-110

Matrix Spike (2240006-MS1)

Source: E209135-01

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride 1720 20.0 250 1450 107 80-120

Matrix Spike Dup (2240006-MSD1)

Source: E209135-01

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride 1680 20.0 250 1450 90.8 80-120 2.35 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: | Spica 25 Fed 3H | |
| PO Box 247 | Project Number: | 01058-0007 | Reported: |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 09/29/22 16:39 |

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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





Project Information

Chain of Custody

Page 2 of 2

| | | | | | | | | | | | | | | | | | | | | |
|---|---------------------|---------------|--------------------------|------------------|---|------------------------|------------------------|---------------------|--------------------|--|-----------------------|-----------------|-----------------|---|--|--|--|--|--|--|
| Client: Pima Environmental Services Project: SPICA 25 Fed 3H Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM. 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by: | | | | | Bill To Attention: Devon Energy Address: City, State, Zip: Phone: Email: Pima Project # 15-1 | | | | | Lab Use Only Lab WO# E 209135 Job Number 01058-0007 Analysis and Method | | | | | TAT 1D 2D 3D Standard X | | | | EPA Program CWA SDWA RCRA | |
| | | | | | | | | | | | | | | State NM CO UT AZ TX X | | | | | | |
| | | | | | | | | | | | | | | Remarks | | | | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/DRO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX | | | | | | | |
| 9:50 | 9/20/22 | S | 1 | S.10 1' | 11 | | | | | | | X | | | | | | | | |
| 9:55 | | | | S.11 1' | 12 | | | | | | | | | | | | | | | |
| 10:00 | | | | S.11 4' | 13 | | | | | | | | | | | | | | | |
| 10:05 | | | | S.11 5' | 14 | | | | | | | | | | | | | | | |
| 10:10 | | | | SW 8 | 15 | | | | | | | | | | | | | | | |
| 10:15 | | | | SW 9 | 16 | | | | | | | | | | | | | | | |
| 10:20 | | | | SW 10 | 17 | | | | | | | | | | | | | | | |
| 10:25 | | | | SW 11 | 18 | | | | | | | | | | | | | | | |
| 10:30 | | | | SW 12 | 19 | | | | | | | | | | | | | | | |
| 10:35 | | | | SW 13 | 20 | | | | | | | | | | | | | | | |
| Additional Instructions: | | | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | | | |
| Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <i>[Signature]</i> | | | | | Received by: (Signature) <i>[Signature]</i> | | | | | Lab Use Only | | | | | | | | | | |
| Date: 9/22/22 | | | | | Date: 9/22/22 | | | | | Received on ice: <i>[initials]</i> N | | | | | | | | | | |
| Time: 3:00 | | | | | Time: 3:00 | | | | | T1 T2 T3 | | | | | | | | | | |
| Relinquished by: (Signature) <i>[Signature]</i> | | | | | Received by: (Signature) <i>[Signature]</i> | | | | | AVG Temp °C 4 | | | | | | | | | | |
| Date: 9-22-22 | | | | | Date: 9/23/22 | | | | | | | | | | | | | | | |
| Time: 4:15 | | | | | Time: 10:30 | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <i>[Signature]</i> | | | | | Received by: (Signature) <i>[Signature]</i> | | | | | | | | | | | | | | | |
| Date: | | | | | Date: | | | | | | | | | | | | | | | |
| Time: | | | | | Time: | | | | | | | | | | | | | | | |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | | | | | | | | | | | | | | | | | | | |
| Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA | | | | | | | | | | | | | | | | | | | | |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | | | |

Envirotech Analytical Laboratory

Printed: 9/23/2022 11:28:30AM

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: | 09/23/22 10:30 | Work Order ID: | E209135 |
| Phone: | (575) 631-6977 | Date Logged In: | 09/23/22 09:34 | Logged In By: | Caitlin Christian |
| Email: | tom@pimaoil.com | Due Date: | 09/29/22 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? 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: UPSComments/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? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

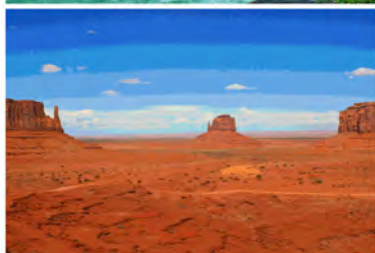
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Spica 25 Fed 3H

Work Order: E302026

Job Number: 01058-0007

Received: 2/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/8/23

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: 2/8/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Spica 25 Fed 3H
Workorder: E302026
Date Received: 2/7/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/7/2023 8:15:00AM, under the Project Name: Spica 25 Fed 3H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Rayny Hagan
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Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|--------------------------------------|------------------|-----------------|----------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 02/08/23 15:00 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| CS1 | E302026-01A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS2 | E302026-02A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS3 | E302026-03A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS4 | E302026-04A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS5 | E302026-05A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS6 | E302026-06A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS7 | E302026-07A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS8 | E302026-08A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS9 | E302026-09A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS10 | E302026-10A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS11 | E302026-11A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS12 | E302026-12A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS13 | E302026-13A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS14 | E302026-14A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS15 | E302026-15A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CS16 | E302026-16A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW1 | E302026-17A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW2 | E302026-18A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW3 | E302026-19A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW4 | E302026-20A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS1

E302026-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 102 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 99.8 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2306020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 81.0 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2306025 | |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS2

E302026-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 105 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 100 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2306020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 81.7 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2306025 | |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS3

E302026-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 106 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 100 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 78.6 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306025 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS4

E302026-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 101 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 94.8 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2306020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 81.4 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2306025 | |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS5

E302026-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 102 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.5 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2306020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 103 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2306025 | |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS6

E302026-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 103 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 93.5 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2306020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 103 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2306025 | |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS7

E302026-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 107 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 99.8 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 103 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306025 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS8

E302026-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 108 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 100 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 99.3 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306025 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS9

E302026-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 109 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 99.3 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 104 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306025 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS10

E302026-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 109 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 99.4 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 102 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306025 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS11

E302026-11

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 110 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 99.2 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2306020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 103 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2306025 | |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS12

E302026-12

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 110 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 98.8 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2306020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 103 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2306025 | |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS13

E302026-13

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 90.9 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2306020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 94.1 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2306025 | |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS14

E302026-14

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.6 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2306020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 99.3 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2306025 | |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS15

E302026-15

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 103 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 93.2 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 96.8 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306025 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CS16

E302026-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 103 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 90.1 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2306020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 101 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2306025 | |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CSW1

E302026-17

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 106 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2306012 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.0 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2306020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 107 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2306025 | |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CSW2

E302026-18

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 105 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.7 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 107 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306025 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CSW3

E302026-19

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.5 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 106 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306025 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:00:26PM

CSW4

E302026-20

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 105 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2306012 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.6 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 105 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306025 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|--|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: 2/8/2023 3:00:26PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2306012-BLK1)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.12 | | 8.00 | | 101 | 70-130 | | | |

LCS (2306012-BS1)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.75 | 0.0250 | 5.00 | | 94.9 | 70-130 | | | |
| Ethylbenzene | 4.80 | 0.0250 | 5.00 | | 96.1 | 70-130 | | | |
| Toluene | 4.92 | 0.0250 | 5.00 | | 98.4 | 70-130 | | | |
| o-Xylene | 4.97 | 0.0250 | 5.00 | | 99.4 | 70-130 | | | |
| p,m-Xylene | 9.74 | 0.0500 | 10.0 | | 97.4 | 70-130 | | | |
| Total Xylenes | 14.7 | 0.0250 | 15.0 | | 98.1 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.33 | | 8.00 | | 104 | 70-130 | | | |

LCS Dup (2306012-BSD1)

Prepared: 02/06/23 Analyzed: 02/07/23

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene | 4.47 | 0.0250 | 5.00 | | 89.4 | 70-130 | 5.99 | 20 | |
| Ethylbenzene | 4.54 | 0.0250 | 5.00 | | 90.9 | 70-130 | 5.54 | 20 | |
| Toluene | 4.65 | 0.0250 | 5.00 | | 93.0 | 70-130 | 5.69 | 20 | |
| o-Xylene | 4.67 | 0.0250 | 5.00 | | 93.4 | 70-130 | 6.24 | 20 | |
| p,m-Xylene | 9.25 | 0.0500 | 10.0 | | 92.5 | 70-130 | 5.21 | 20 | |
| Total Xylenes | 13.9 | 0.0250 | 15.0 | | 92.8 | 70-130 | 5.56 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.00 | | 8.00 | | 100 | 70-130 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: 2/8/2023 3:00:26PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2306012-BLK1) Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.90 | | 8.00 | | 86.3 | 70-130 | | | |

LCS (2306012-BS2) Prepared: 02/06/23 Analyzed: 02/07/23

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 54.0 | 20.0 | 50.0 | | 108 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.64 | | 8.00 | | 95.5 | 70-130 | | | |

LCS Dup (2306012-BSD2) Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|---|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 52.9 | 20.0 | 50.0 | | 106 | 70-130 | 1.98 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.42 | | 8.00 | | 92.8 | 70-130 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: 2/8/2023 3:00:26PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2306020-BLK1) | | | | | Prepared: 02/07/23 Analyzed: 02/07/23 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 44.0 | | 50.0 | | 88.1 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2306020-BS1) | | | | | Prepared: 02/07/23 Analyzed: 02/07/23 | | | | |
| Diesel Range Organics (C10-C28) | 233 | 25.0 | 250 | | 93.1 | 38-132 | | | |
| Surrogate: n-Nonane | 39.4 | | 50.0 | | 78.9 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2306020-MS1) | | | | | Source: E302026-01 | | Prepared: 02/07/23 Analyzed: 02/07/23 | | |
| Diesel Range Organics (C10-C28) | 209 | 25.0 | 250 | ND | 83.7 | 38-132 | | | |
| Surrogate: n-Nonane | 39.6 | | 50.0 | | 79.3 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2306020-MSD1) | | | | | Source: E302026-01 | | Prepared: 02/07/23 Analyzed: 02/07/23 | | |
| Diesel Range Organics (C10-C28) | 210 | 25.0 | 250 | ND | 83.9 | 38-132 | 0.167 | 20 | |
| Surrogate: n-Nonane | 39.9 | | 50.0 | | 79.7 | 50-200 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|--------------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 2/8/2023 3:00:26PM |

Anions by EPA 300.0/9056A

Analyst: BA

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

| | | | | | | | | | |
|---------------------------------|-----|------|-----|----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2306025-BLK1) | | | | | Prepared: 02/07/23 Analyzed: 02/07/23 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2306025-BS1) | | | | | Prepared: 02/07/23 Analyzed: 02/07/23 | | | | |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2306025-MS1) | | | | | Source: E302026-01 | | Prepared: 02/07/23 Analyzed: 02/07/23 | | |
| Chloride | 253 | 20.0 | 250 | ND | 101 | 80-120 | | | |
| Matrix Spike Dup (2306025-MSD1) | | | | | Source: E302026-01 | | Prepared: 02/07/23 Analyzed: 02/07/23 | | |
| Chloride | 255 | 20.0 | 250 | ND | 102 | 80-120 | 0.721 | 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: | Spica 25 Fed 3H | |
| PO Box 247 | Project Number: | 01058-0007 | Reported: |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 02/08/23 15:00 |

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Page 1 of 5

| | | | | | | | | | | | | | | | | |
|-------------------------------------|--|--|--|--|----------------------------|--|------------------------|--|------------------------------|--|-------------------------------------|----|-------------|----------|------|------|
| Client: Pima Environmental Services | | | | | Bill To | | Lab Use Only | | TAT | | | | EPA Program | | | |
| Project: <u>Spica 25 Feb 3H</u> | | | | | Attention: <u>Devon</u> | | Lab WO# <u>E302026</u> | | Job Number <u>01058-0007</u> | | 1D | 2D | 3D | Standard | CWA | SDWA |
| Project Manager: Tom Bynum | | | | | Address: | | | | | | <input checked="" type="checkbox"/> | | | | | |
| Address: 5614 N. Lovington Hwy. | | | | | City, State, Zip | | | | | | | | | | RCRA | |
| City, State, Zip Hobbs, NM, 88240 | | | | | Phone: | | | | | | | | | | | |
| Phone: 580-748-1613 | | | | | Email: | | | | | | | | | | | |
| Email: tom@pimaoil.com | | | | | Pima Project # <u>1-15</u> | | | | | | | | | | | |
| Report due by: | | | | | | | | | | | | | | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | BGDOC NM | BGDOC TX | Remarks |
|--------------|--------------|--------|-------------------|-----------|------------|-----------------|-----------------|--------------|-------------|-------------|----------------|--|-------------------------------------|----------|---------|
| 9:00 | 2/3/23 | S | 1 | CS1 | 1 | | | | | | | | <input checked="" type="checkbox"/> | | |
| 9:05 | | | | CS2 | 2 | | | | | | | | | | |
| 9:10 | | | | CS3 | 3 | | | | | | | | | | |
| 9:15 | | | | CS4 | 4 | | | | | | | | | | |
| 9:20 | | | | CS5 | 5 | | | | | | | | | | |
| 9:25 | | | | CS6 | 6 | | | | | | | | | | |
| 9:30 | | | | CS7 | 7 | | | | | | | | | | |
| 9:35 | | | | CS8 | 8 | | | | | | | | | | |
| 9:40 | | | | CS9 | 9 | | | | | | | | | | |
| 9:45 | | | | CS10 | 10 | | | | | | | | | | |

Additional Instructions: Billing # 21073416

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

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

| | | | | | | |
|---|--------------------|------------------|---|----------------------|------------------|-------------------------------|
| Relinquished by: (Signature) <u>AB</u> | Date <u>2-6-23</u> | Time <u>2:00</u> | Received by: (Signature) <u>Nichelle Cruz</u> | Date <u>2-6-23</u> | Time <u>1400</u> | Lab Use Only |
| Relinquished by: (Signature) <u>Nichelle Cruz</u> | Date <u>2-6-23</u> | Time <u>1615</u> | Received by: (Signature) <u>Lorenzo Lei</u> | Date <u>2-6-23</u> | Time <u>1700</u> | Received on ice: <u>(Y) N</u> |
| Relinquished by: (Signature) <u>Lorenzo Lei</u> | Date <u>2-6-23</u> | Time <u>2300</u> | Received by: (Signature) <u>Carlin Chute</u> | Date <u>2/7/23</u> | Time <u>8:15</u> | T1 _____ T2 _____ T3 _____ |
| Sample Matrix: <u>S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other</u> | | | | AVG Temp °C <u>4</u> | | |
| Container Type: <u>(g - glass), p - poly/plastic, ag - amber glass, v - VOA</u> | | | | | | |

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

Project Information

Chain of Custody

Page 2 of 5

| Client: Pima Environmental Services | | | | | Bill To | | Lab Use Only | | | | TAT | | | | EPA Program | |
|---|--------------|--------|-------------------|--------------------------|----------------------------|-----------------|---|-----------------------------|-----------------------------|-------------|----------------|----|----|----------|-------------|---------|
| Project: <u>Spica 25 Fed SH</u> | | | | | Attention: <u>Devon</u> | | Lab WO# <u>E302026</u> | | Job Number <u>0058-0007</u> | | 1D | 2D | 3D | Standard | CWA | SDWA |
| Project Manager: Tom Bynum | | | | | Address: | | | | | | X | | | | | |
| Address: 5614 N. Lovington Hwy. | | | | | City, State, Zip | | | | | | | | | | | RCRA |
| City, State, Zip Hobbs, NM, 88240 | | | | | Phone: | | | | | | | | | | | |
| Phone: 580-748-1613 | | | | | Email: | | | | | | | | | | | |
| Email: tom@pimaoil.com | | | | | Pima Project # <u>1-15</u> | | | | | | | | | | | |
| Report due by: | | | | | | | | | | | | | | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | | BDOC NM | BDOC TX | Remarks |
| 9:50 | 2/3/23 | S | 1 | CS11 | 11 | | | | | | | | | X | | |
| 9:55 | | | | CS12 | 12 | | | | | | | | | | | |
| 10:00 | | | | CS13 | 13 | | | | | | | | | | | |
| 10:05 | | | | CS14 | 14 | | | | | | | | | | | |
| 10:10 | | | | CS15 | 15 | | | | | | | | | | | |
| 10:15 | | | | CS16 | 16 | | | | | | | | | | | |
| 10:20 | | | | CSW1 | 17 | | | | | | | | | | | |
| 10:25 | | | | CSW2 | 18 | | | | | | | | | | | |
| 10:30 | | | | CSW3 | 19 | | | | | | | | | | | |
| 10:35 | | | | CSW4 | 20 | | | | | | | | | | | |
| Additional Instructions: <u>Billing #: 21073416</u> | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | |
| Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | Lab Use Only | | | | | | | | |
| <u>AB</u> | | 2-6-23 | 2:00 | <u>Michelle Guncel</u> | | 2-6-23 | 1400 | Received on ice: <u>①</u> N | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | T1 T2 T3 | | | | | | | | |
| <u>Michelle Guncel</u> | | 2-6-23 | 1615 | <u>Lawrence Leri</u> | | 2-6-23 | 1700 | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | AVG Temp °C <u>4</u> | | | | | | | | |
| <u>Lawrence Leri</u> | | 2-6-23 | 2300 | <u>Carla Chtr</u> | | 2/7/23 | 8:15 | | | | | | | | | |
| Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other | | | | | | | Container Type <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA | | | | | | | | | |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | |

Envirotech Analytical Laboratory

Printed: 2/7/2023 8:34:45AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

| | | | | | |
|---------|--------------------------------------|-----------------|----------------------------|----------------|-------------------|
| Client: | Pima Environmental Services-Carlsbad | Date Received: | 02/07/23 08:15 | Work Order ID: | E302026 |
| Phone: | (575) 631-6977 | Date Logged In: | 02/06/23 13:47 | Logged In By: | Caitlin Christian |
| Email: | tom@pimaoil.com | Due Date: | 02/07/23 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: CourierComments/Resolution

Project Spica 25 Fed 3H has been separated into 2 reports due to sample volume. Workorders are as follows: E302026 & E302027.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

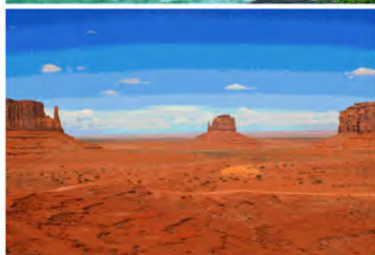
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Spica 25 Fed 3H

Work Order: E302027

Job Number: 01058-0007

Received: 2/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/8/23

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: 2/8/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Spica 25 Fed 3H
Workorder: E302027
Date Received: 2/7/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/7/2023 8:15:00AM, under the Project Name: Spica 25 Fed 3H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
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labadmin@envirotech-inc.com

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ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|--------------------------------------|------------------|-----------------|----------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 02/08/23 15:04 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| CSW5 | E302027-01A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW6 | E302027-02A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW7 | E302027-03A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW8 | E302027-04A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW9 | E302027-05A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW10 | E302027-06A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW11 | E302027-07A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW12 | E302027-08A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW13 | E302027-09A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW14 | E302027-10A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW15 | E302027-11A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW16 | E302027-12A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW17 | E302027-13A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW18 | E302027-14A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW19 | E302027-15A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW20 | E302027-16A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW21 | E302027-17A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW22 | E302027-18A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW23 | E302027-19A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW24 | E302027-20A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW25 | E302027-21A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW26 | E302027-22A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW27 | E302027-23A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW28 | E302027-24A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW29 | E302027-25A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW30 | E302027-26A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW31 | E302027-27A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |
| CSW32 | E302027-28A | Soil | 02/03/23 | 02/07/23 | Glass Jar, 2 oz. |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW5

E302027-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 98.0 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 105 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 91.5 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 98.0 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 105 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 91.5 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 82.1 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW6

E302027-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 98.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 107 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 91.0 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 98.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 107 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 91.0 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 84.8 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW7

E302027-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 93.4 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.9 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 93.4 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.9 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | 82.0 | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 84.3 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW8

E302027-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 93.1 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 100 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 102 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 93.1 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 100 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 102 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 83.4 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW9

E302027-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 117 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 90.5 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 117 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 90.5 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | | 85.9 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW10

E302027-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 104 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 119 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 89.6 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 104 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 119 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 89.6 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | | 84.9 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW11

E302027-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 99.2 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 107 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 91.0 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 99.2 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 107 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 91.0 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 105 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW12

E302027-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 98.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 110 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 89.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 98.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 110 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 89.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 99.2 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW13

E302027-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 98.3 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 107 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 90.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 98.3 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 107 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 90.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 103 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW14

E302027-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 93.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 100 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 93.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 100 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 104 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW15

E302027-11

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 92.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 97.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 92.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 97.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 105 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW16

E302027-12

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 106 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 119 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 90.5 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 106 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 119 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 90.5 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | | 105 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW17

E302027-13

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 105 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 120 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 89.6 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 105 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 120 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 89.6 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | | 106 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW18

E302027-14

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 105 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 118 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 90.7 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 105 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 118 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 90.7 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | | 105 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW19

E302027-15

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 104 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 118 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 90.2 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 104 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 118 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 90.2 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | | 103 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW20

E302027-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 105 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 119 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 89.9 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 105 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 119 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 89.9 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | | 102 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW21

E302027-17

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 99.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 109 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 89.4 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 99.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 109 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 89.4 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 105 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW22

E302027-18

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 99.8 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 106 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 89.1 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 99.8 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 106 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 89.1 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 102 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW23

E302027-19

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 99.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 111 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 89.2 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 99.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 111 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 89.2 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 98.8 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW24

E302027-20

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 99.8 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 109 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 89.5 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306011 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 99.8 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 109 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 89.5 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 99.8 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306026 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW25

E302027-21

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 93.0 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 99.8 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 100 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 93.0 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 99.8 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 100 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306022 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 103 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306024 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW26

E302027-22

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 94.2 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 102 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 94.2 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 102 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306022 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 102 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306024 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW27

E302027-23

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 94.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 97.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 94.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 97.6 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306022 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 100 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306024 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW28

E302027-24

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 94.9 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 104 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 102 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 94.9 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 104 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 102 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306022 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 108 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306024 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW29

E302027-25

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 94.5 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 100 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 102 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 94.5 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 100 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 102 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306022 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 108 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306024 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW30

E302027-26

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 95.5 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 97.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 103 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | 95.5 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | 97.7 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | 103 % | 70-130 | | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306022 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | 108 % | 50-200 | | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306024 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW31

E302027-27

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 122 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 89.0 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 122 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 89.0 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306022 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | | 108 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306024 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



Sample Data

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

Project Name: Spica 25 Fed 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/8/2023 3:04:10PM

CSW32

E302027-28

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Benzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Toluene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/06/23 | 02/07/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 100 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 110 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 88.3 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2306010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/06/23 | 02/07/23 | |
| Surrogate: Bromofluorobenzene | | 100 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 110 % | 70-130 | 02/06/23 | 02/07/23 | |
| Surrogate: Toluene-d8 | | 88.3 % | 70-130 | 02/06/23 | 02/07/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2306022 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/07/23 | 02/07/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/07/23 | 02/07/23 | |
| Surrogate: n-Nonane | | 107 % | 50-200 | 02/07/23 | 02/07/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2306024 |
| Chloride | ND | 20.0 | 1 | 02/07/23 | 02/07/23 | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|--|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: 2/8/2023 3:04:10PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2306010-BLK1)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.462 | | 0.500 | | 92.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.507 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.507 | | 0.500 | | 101 | 70-130 | | | |

LCS (2306010-BS1)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene | 2.49 | 0.0250 | 2.50 | | 99.5 | 70-130 | | | |
| Ethylbenzene | 2.45 | 0.0250 | 2.50 | | 98.0 | 70-130 | | | |
| Toluene | 2.51 | 0.0250 | 2.50 | | 100 | 70-130 | | | |
| o-Xylene | 2.60 | 0.0250 | 2.50 | | 104 | 70-130 | | | |
| p,m-Xylene | 4.98 | 0.0500 | 5.00 | | 99.6 | 70-130 | | | |
| Total Xylenes | 7.58 | 0.0250 | 7.50 | | 101 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.477 | | 0.500 | | 95.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.515 | | 0.500 | | 103 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.497 | | 0.500 | | 99.4 | 70-130 | | | |

LCS Dup (2306010-BSD1)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|------|----|--|
| Benzene | 2.66 | 0.0250 | 2.50 | | 106 | 70-130 | 6.55 | 23 | |
| Ethylbenzene | 2.66 | 0.0250 | 2.50 | | 106 | 70-130 | 8.35 | 27 | |
| Toluene | 2.71 | 0.0250 | 2.50 | | 108 | 70-130 | 7.73 | 24 | |
| o-Xylene | 2.82 | 0.0250 | 2.50 | | 113 | 70-130 | 8.23 | 27 | |
| p,m-Xylene | 5.41 | 0.0500 | 5.00 | | 108 | 70-130 | 8.29 | 27 | |
| Total Xylenes | 8.23 | 0.0250 | 7.50 | | 110 | 70-130 | 8.27 | 27 | |
| Surrogate: Bromofluorobenzene | 0.477 | | 0.500 | | 95.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.494 | | 0.500 | | 98.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.508 | | 0.500 | | 102 | 70-130 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|--|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: 2/8/2023 3:04:10PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2306011-BLK1)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.495 | | 0.500 | | 99.0 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.506 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.463 | | 0.500 | | 92.5 | 70-130 | | | |

LCS (2306011-BS1)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene | 3.11 | 0.0250 | 2.50 | | 124 | 70-130 | | | |
| Ethylbenzene | 2.74 | 0.0250 | 2.50 | | 110 | 70-130 | | | |
| Toluene | 2.71 | 0.0250 | 2.50 | | 108 | 70-130 | | | |
| o-Xylene | 2.88 | 0.0250 | 2.50 | | 115 | 70-130 | | | |
| p,m-Xylene | 5.67 | 0.0500 | 5.00 | | 113 | 70-130 | | | |
| Total Xylenes | 8.55 | 0.0250 | 7.50 | | 114 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.539 | | 0.500 | | 108 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.525 | | 0.500 | | 105 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.457 | | 0.500 | | 91.3 | 70-130 | | | |

LCS Dup (2306011-BSD1)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--------|----|--|
| Benzene | 3.10 | 0.0250 | 2.50 | | 124 | 70-130 | 0.338 | 23 | |
| Ethylbenzene | 2.74 | 0.0250 | 2.50 | | 110 | 70-130 | 0.0364 | 27 | |
| Toluene | 2.70 | 0.0250 | 2.50 | | 108 | 70-130 | 0.555 | 24 | |
| o-Xylene | 2.89 | 0.0250 | 2.50 | | 115 | 70-130 | 0.260 | 27 | |
| p,m-Xylene | 5.67 | 0.0500 | 5.00 | | 113 | 70-130 | 0.0265 | 27 | |
| Total Xylenes | 8.56 | 0.0250 | 7.50 | | 114 | 70-130 | 0.105 | 27 | |
| Surrogate: Bromofluorobenzene | 0.544 | | 0.500 | | 109 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.537 | | 0.500 | | 107 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.453 | | 0.500 | | 90.6 | 70-130 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|--|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: 2/8/2023 3:04:10PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2306010-BLK1)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.462 | | 0.500 | | 92.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.507 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.507 | | 0.500 | | 101 | 70-130 | | | |

LCS (2306010-BS2)

Prepared: 02/06/23 Analyzed: 02/07/23

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 62.5 | 20.0 | 50.0 | | 125 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.458 | | 0.500 | | 91.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.486 | | 0.500 | | 97.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.504 | | 0.500 | | 101 | 70-130 | | | |

LCS Dup (2306010-BSD2)

Prepared: 02/06/23 Analyzed: 02/07/23

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|-------|----|--|
| Gasoline Range Organics (C6-C10) | 62.1 | 20.0 | 50.0 | | 124 | 70-130 | 0.647 | 20 | |
| Surrogate: Bromofluorobenzene | 0.460 | | 0.500 | | 92.0 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.489 | | 0.500 | | 97.7 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.505 | | 0.500 | | 101 | 70-130 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|--------------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 2/8/2023 3:04:10PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2306011-BLK1)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.495 | | 0.500 | | 99.0 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.506 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.463 | | 0.500 | | 92.5 | 70-130 | | | |

LCS (2306011-BS2)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 43.0 | 20.0 | 50.0 | | 86.0 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.522 | | 0.500 | | 104 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.544 | | 0.500 | | 109 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.456 | | 0.500 | | 91.1 | 70-130 | | | |

LCS Dup (2306011-BSD2)

Prepared: 02/06/23 Analyzed: 02/06/23

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 42.0 | 20.0 | 50.0 | | 84.1 | 70-130 | 2.23 | 20 | |
| Surrogate: Bromofluorobenzene | 0.513 | | 0.500 | | 103 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.552 | | 0.500 | | 110 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.453 | | 0.500 | | 90.6 | 70-130 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|--------------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 2/8/2023 3:04:10PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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

Blank (2306021-BLK1)

Prepared: 02/07/23 Analyzed: 02/07/23

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 56.6 | | 50.0 | | 113 | 50-200 | | | |

LCS (2306021-BS1)

Prepared: 02/07/23 Analyzed: 02/07/23

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 244 | 25.0 | 250 | | 97.4 | 38-132 | | | |
| Surrogate: n-Nonane | 49.6 | | 50.0 | | 99.2 | 50-200 | | | |

Matrix Spike (2306021-MS1)

Source: E302027-10

Prepared: 02/07/23 Analyzed: 02/07/23

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 247 | 25.0 | 250 | ND | 98.9 | 38-132 | | | |
| Surrogate: n-Nonane | 51.5 | | 50.0 | | 103 | 50-200 | | | |

Matrix Spike Dup (2306021-MSD1)

Source: E302027-10

Prepared: 02/07/23 Analyzed: 02/07/23

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 251 | 25.0 | 250 | ND | 100 | 38-132 | 1.45 | 20 | |
| Surrogate: n-Nonane | 51.1 | | 50.0 | | 102 | 50-200 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: 2/8/2023 3:04:10PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2306022-BLK1) | | | | | Prepared: 02/07/23 Analyzed: 02/07/23 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 48.3 | | 50.0 | | 96.5 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2306022-BS1) | | | | | Prepared: 02/07/23 Analyzed: 02/07/23 | | | | |
| Diesel Range Organics (C10-C28) | 219 | 25.0 | 250 | | 87.8 | 38-132 | | | |
| Surrogate: n-Nonane | 47.0 | | 50.0 | | 94.1 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2306022-MS1) | | | | | Source: E302025-07 | | Prepared: 02/07/23 Analyzed: 02/07/23 | | |
| Diesel Range Organics (C10-C28) | 250 | 25.0 | 250 | ND | 100 | 38-132 | | | |
| Surrogate: n-Nonane | 47.7 | | 50.0 | | 95.5 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2306022-MSD1) | | | | | Source: E302025-07 | | Prepared: 02/07/23 Analyzed: 02/07/23 | | |
| Diesel Range Organics (C10-C28) | 243 | 25.0 | 250 | ND | 97.3 | 38-132 | 2.98 | 20 | |
| Surrogate: n-Nonane | 45.6 | | 50.0 | | 91.2 | 50-200 | | | |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|--------------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 2/8/2023 3:04:10PM |

Anions by EPA 300.0/9056A

Analyst: BA

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

| | | | | | | | | | |
|---------------------------------|-----|------|-----|----|---------------------------------------|--------|---------------------------------------|----|----|
| Blank (2306024-BLK1) | | | | | Prepared: 02/07/23 Analyzed: 02/07/23 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2306024-BS1) | | | | | Prepared: 02/07/23 Analyzed: 02/07/23 | | | | |
| Chloride | 244 | 20.0 | 250 | | 97.8 | 90-110 | | | |
| Matrix Spike (2306024-MS1) | | | | | Source: E302025-01 | | Prepared: 02/07/23 Analyzed: 02/07/23 | | |
| Chloride | 387 | 200 | 250 | ND | 155 | 80-120 | | | M6 |
| Matrix Spike Dup (2306024-MSD1) | | | | | Source: E302025-01 | | Prepared: 02/07/23 Analyzed: 02/07/23 | | |
| Chloride | 391 | 200 | 250 | ND | 157 | 80-120 | 1.18 | 20 | M6 |



QC Summary Data

| | | | |
|--------------------------------------|------------------|-----------------|--------------------|
| Pima Environmental Services-Carlsbad | Project Name: | Spica 25 Fed 3H | Reported: |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 2/8/2023 3:04:10PM |

Anions by EPA 300.0/9056A

Analyst: BA

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

| | | | | | | | | | |
|---------------------------------|-----|------|-----|----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2306026-BLK1) | | | | | Prepared: 02/07/23 Analyzed: 02/07/23 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2306026-BS1) | | | | | Prepared: 02/07/23 Analyzed: 02/07/23 | | | | |
| Chloride | 259 | 20.0 | 250 | | 103 | 90-110 | | | |
| Matrix Spike (2306026-MS1) | | | | | Source: E302027-01 | | Prepared: 02/07/23 Analyzed: 02/07/23 | | |
| Chloride | 259 | 20.0 | 250 | ND | 104 | 80-120 | | | |
| Matrix Spike Dup (2306026-MSD1) | | | | | Source: E302027-01 | | Prepared: 02/07/23 Analyzed: 02/07/23 | | |
| Chloride | 267 | 20.0 | 250 | ND | 107 | 80-120 | 3.10 | 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: | Spica 25 Fed 3H | |
| PO Box 247 | Project Number: | 01058-0007 | Reported: |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | 02/08/23 15:04 |

- M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Page 3 of 5

| | | | | | | | | | | | | | | | | |
|-------------------------------------|--|--|--|--|----------------------------|--|------------------------|--|------------------------------|--|----|----|-------------|----------|-----|------|
| Client: Pima Environmental Services | | | | | Bill To | | Lab Use Only | | TAT | | | | EPA Program | | | |
| Project: <u>SPICA 25 Feb 3H</u> | | | | | Attention: <u>Dewon</u> | | Lab WO# <u>E302027</u> | | Job Number <u>01058-0007</u> | | 1D | 2D | 3D | Standard | CWA | SDWA |
| Project Manager: Tom Bynum | | | | | Address: | | | | | | | | | | | |
| Address: 5614 N. Lovington Hwy. | | | | | City, State, Zip | | | | | | | | | | | RCRA |
| City, State, Zip Hobbs, NM, 88240 | | | | | Phone: | | | | | | | | | | | |
| Phone: 580-748-1613 | | | | | Email: | | | | | | | | | | | |
| Email: tom@pimaoil.com | | | | | Pima Project # <u>1-15</u> | | | | | | | | | | | |
| Report due by: | | | | | | | | | | | | | | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX | Remarks |
|--------------|--------------|--------|-------------------|-----------|------------|-----------------|-----------------|--------------|-------------|-------------|----------------|----------|----------|---------|
| 10:40 | 2/3/23 | S | 1 | CSW5 | 1 | | | | | | | X | | |
| 10:45 | | | | CSW6 | 2 | | | | | | | | | |
| 10:50 | | | | CSW7 | 3 | | | | | | | | | |
| 10:55 | | | | CSW8 | 4 | | | | | | | | | |
| 11:00 | | | | CSW9 | 5 | | | | | | | | | |
| 11:05 | | | | CSW10 | 6 | | | | | | | | | |
| 11:10 | | | | CSW11 | 7 | | | | | | | | | |
| 11:15 | | | | CSW12 | 8 | | | | | | | | | |
| 11:20 | | | | CSW13 | 9 | | | | | | | | | |
| 11:25 | | | | CSW14 | 10 | | | | | | | | | |

Additional Instructions: Billing # 21073416

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

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

| | | | | | | |
|---|--------------------|-------------------|---|--------------------|-------------------|--|
| Relinquished by: (Signature) <u>AS</u> | Date <u>2-6-23</u> | Time <u>2:00</u> | Received by: (Signature) <u>Michelle Cuyk</u> | Date <u>2-6-23</u> | Time <u>1:400</u> | Lab Use Only Received on ice: <u>(Y) N</u> T1: _____ T2: _____ T3: _____ AVG Temp °C <u>4</u> |
| Relinquished by: (Signature) <u>Michelle Cuyk</u> | Date <u>2-6-23</u> | Time <u>11:15</u> | Received by: (Signature) <u>Lorena Pri</u> | Date <u>2-6-23</u> | Time <u>1:700</u> | |
| Relinquished by: (Signature) <u>Lorena Pri</u> | Date <u>2-6-23</u> | Time <u>2:300</u> | Received by: (Signature) <u>Caitlin Chik</u> | Date <u>2/7/23</u> | Time <u>8:15</u> | |

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

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

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

Project Information

Chain of Custody

Page 4 of 5

| Client: Pima Environmental Services | | | | | Bill To | | Lab Use Only | | | | TAT | | | | EPA Program | |
|---|--------------|--------------------|-------------------|------------------|----------------------------|--|------------------------|--------------------|------------------------------|---|----------------|-------------------------------|----|----------|-------------|---------|
| Project: <u>Spica 25 Fed 3H</u> | | | | | Attention: <u>Devon</u> | | Lab WO# <u>E302027</u> | | Job Number <u>01058-0007</u> | | 1D | 2D | 3D | Standard | CWA | SDWA |
| Project Manager: Tom Bynum | | | | | Address: | | Analysis and Method | | | | | | | | RCRA | |
| Address: <u>5614 N. Lovington Hwy.</u> | | | | | City, State, Zip | | | | | | | | | | | |
| City, State, Zip <u>Hobbs, NM, 88240</u> | | | | | Phone: | | | | | | | | | | | |
| Phone: <u>580-748-1613</u> | | | | | Email: | | | | | | | | | | | |
| Email: <u>tom@pimaoil.com</u> | | | | | Pima Project # <u>1-15</u> | | | | | | | | | | | |
| Report due by: | | | | | | | | | | | | | | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | | BGDOC NM | BGDOC TX | Remarks |
| 11:30 | 2/3/23 | S | 1 | CSW15 | 11 | | | | | | | | | X | | |
| 11:35 | | | | CSW16 | 12 | | | | | | | | | | | |
| 11:40 | | | | CSW17 | 13 | | | | | | | | | | | |
| 11:45 | | | | CSW18 | 14 | | | | | | | | | | | |
| 11:50 | | | | CSW19 | 15 | | | | | | | | | | | |
| 11:55 | | | | CSW20 | 16 | | | | | | | | | | | |
| 12:00 | | | | CSW21 | 17 | | | | | | | | | | | |
| 12:05 | | | | CSW22 | 18 | | | | | | | | | | | |
| 12:10 | | | | CSW23 | 19 | | | | | | | | | | | |
| 12:30 | | | | CSW24 | 20 | | | | | | | | | | | |
| Additional Instructions: <u>Billing # 21073416</u> | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Audriana Benavides</u> | | | | | | | | | | | | | | | | |
| Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <u>AB</u> | | Date <u>2-6-23</u> | | Time <u>2:00</u> | | Received by: (Signature) <u>Nichelle Gargels</u> | | Date <u>2-6-23</u> | | Time <u>1400</u> | | Lab Use Only | | | | |
| Relinquished by: (Signature) <u>Nichelle Gargels</u> | | Date <u>2-6-23</u> | | Time <u>1615</u> | | Received by: (Signature) <u>Lorena Rei</u> | | Date <u>2-6-23</u> | | Time <u>1700</u> | | Received on ice: <u>(Y) N</u> | | | | |
| Relinquished by: (Signature) <u>Lorena Rei</u> | | Date <u>2-6-23</u> | | Time <u>2300</u> | | Received by: (Signature) <u>Caitlin Chute</u> | | Date <u>2/7/23</u> | | Time <u>8:15</u> | | T1 _____ T2 _____ T3 _____ | | | | |
| Sample Matrix: <u>S</u> - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ | | | | | | | | | | Container Type: <u>g</u> - glass, p - poly/plastic, ag - amber glass, v - VOA | | | | | | |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | |

Project Information

Chain of Custody

Page 5 of 5

| | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|--|--|--|----------------------------|--|------------------------|--|------------------------------|--|----|----|-------------|----------|---------|------|------|----|----|
| Client: Pima Environmental Services | | | | | Attention: <u>Devon</u> | | Lab Use Only | | TAT | | | | EPA Program | | | | | | |
| Project: <u>Spica 25 Fed 3H</u> | | | | | Address: | | Lab WO# <u>E302027</u> | | Job Number <u>01058-0007</u> | | 1D | 2D | 3D | Standard | CWA | SDWA | | | |
| Project Manager: Tom Bynum | | | | | City, State, Zip | | Analysis and Method | | | | | | | | | | | | |
| Address: 5614 N. Lovington Hwy. | | | | | Phone: | | | | | | | | | | | | RCRA | | |
| City, State, Zip Hobbs, NM, 88240 | | | | | Email: | | | | | | | | | | State | | | | |
| Phone: 580-748-1613 | | | | | Pima Project # <u>1-15</u> | | | | | | | | | | NM | CO | UT | AZ | TX |
| Email: <u>tom@pimaoil.com</u> | | | | | | | | | | | | | | | Remarks | | | | |
| Report due by: | | | | | | | | | | | | | | | | | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX | Remarks |
|--------------|--------------|--------|-------------------|-----------|------------|-----------------|-----------------|--------------|-------------|-------------|----------------|----------|----------|---------|
| 12:35 | 2/3/23 | S | 1 | CSW 25 | 21 | | | | | | | X | | |
| 12:40 | | | | CSW 26 | 22 | | | | | | | | | |
| 12:45 | | | | CSW 27 | 23 | | | | | | | | | |
| 12:50 | | | | CSW 28 | 24 | | | | | | | | | |
| 12:55 | | | | CSW 29 | 25 | | | | | | | | | |
| 1:00 | | | | CSW 30 | 26 | | | | | | | | | |
| 1:05 | | | | CSW 31 | 27 | | | | | | | | | |
| 1:10 | | | | CSW 32 | 28 | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

Additional Instructions: Billing # 21073416

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

Sampled by: Audriana Bernadette

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

| | | | | | | |
|---|--------------------|------------------|---|--------------------|------------------|--|
| Relinquished by: (Signature) <u>AB</u> | Date <u>2-6-23</u> | Time <u>2:00</u> | Received by: (Signature) <u>Nichelle Cruz</u> | Date <u>2-6-23</u> | Time <u>1400</u> | Lab Use Only Received on ice: <u>DI N</u> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u> |
| Relinquished by: (Signature) <u>Nichelle Cruz</u> | Date <u>2-6-23</u> | Time <u>1615</u> | Received by: (Signature) <u>Lorenzo Pen</u> | Date <u>2-6-23</u> | Time <u>1700</u> | |
| Relinquished by: (Signature) <u>Lorenzo Pen</u> | Date <u>2-6-23</u> | Time <u>2300</u> | Received by: (Signature) <u>Carla Cht</u> | Date <u>2/7/23</u> | Time <u>8:15</u> | |

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

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

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

Envirotech Analytical Laboratory

Printed: 2/7/2023 8:37:19AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

| | | | | | |
|---------|--------------------------------------|-----------------|----------------------------|----------------|-------------------|
| Client: | Pima Environmental Services-Carlsbad | Date Received: | 02/07/23 08:15 | Work Order ID: | E302027 |
| Phone: | (575) 631-6977 | Date Logged In: | 02/06/23 13:50 | Logged In By: | Caitlin Christian |
| Email: | tom@pimaoil.com | Due Date: | 02/07/23 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: CourierComments/Resolution

Project Spica 25 Fed 3H has been separated into 2 reports due to sample volume. Workorders are as follows: E302026 & E302027.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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

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

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 189890

CONDITIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 189890 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| rhamlet | We have received your closure report and final C-141 for Incident #NAPP2225823991 SPICA 25 FEDERAL #003H, thank you. This closure is approved. | 6/27/2023 |