Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2220135929
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: Chad Hensley Title: HSE Coordinator

Signature: Date: 7/31/2022

email: chensley@spurenergy.com Telephone: 314-290-8614

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2220135929
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: Chad Hensley Title: HSE Coordinator

Signature: Chad Hensley Date: 8/3/2022

email: chensley@spurenergy.com Telephone: (346) 339-1494

OCD Only

Received by: Jocelyn Harimon Date: _____

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: Jennifer Nobui Date: 08/08/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

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

July 31, 2022

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

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

Re: Site Assessment, Remediation, and Closure Report
Maljamar Transfer Line
API No. N/A
GPS: Latitude 32.7969343 Longitude -103.763427
ULSTR -- A, 33, T17S, R32E
Lea County, NM
NMOCD Ref. No. NAPP2220135929

Pima Environmental Services, LLC. (Pima) has been contracted by Spur Energy Partners, LLC. (Spur) to perform a spill assessment, remediation, and submit this closure report for a produced water release that occurred at the Maljamar Transfer Line (Maljamar). The initial C-141 was submitted on July 20, 2022 (Appendix C). This incident was assigned Incident ID NAPP2220135929 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Maljamar is located approximately four (4) miles south of Maljamar, NM. This spill site is in Unit A, Section 33, Township 17S, Range 32E, Latitude 32.7969343 Longitude -103.763427, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Eolian and piedmont deposits. Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Maljamar and Palomas fine sands, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well drained. There is a low potential for karst geology to be present around the Maljamar (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 124 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 69 feet BGS. The closest waterway is a Salt Playa located approximately 13.62 miles to the South 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’	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

NAPP2212936670: On July 19, 2022, while excavating and remediating for incident ID napp2212936670, the equipment operator struck the flowline causing a release of fluid into the excavated area. The released fluids were calculated to be approximately 45 barrels (bbls) of produced water. The operator was able to create a bermed area for all of the fluid to collect in. Vacuum trucks were dispatched to recover standing fluid, approximately 44 bbls of produced water was able to be recovered.

Site Assessment and Soil Sampling Results

On July 19, 2022, while Pima personnel were already on site to supervise the excavation for incident ID napp2212936670, we collected soil samples from the new spill area. After all standing fluid was recovered, we directed the operator to excavate further in order to remove the most recent contamination. The results of this sampling event can be found in the following table. A Site Map can be found in Figure 4.

7-19-22 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 124')								
Spur Energy - Maljamar Flowline								
Date: 7/19/2022		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
NSW	4'	ND	ND	ND	ND	ND	0	ND
ESW	4'	ND	ND	ND	ND	ND	0	ND
WSW	4'	ND	ND	ND	ND	ND	0	ND
SSW	4'	ND	ND	ND	ND	ND	0	ND
S-1	4'	ND	ND	ND	ND	ND	0	3120
S-1	6'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Remediation Activities

Due to being on site performing an excavation when this incident occurred, the contamination from this spill was able to be immediately removed. Based on the sample results, no further action is required. The contaminated soil from this area was added to the same load of contaminated soil from the previous incident.

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottom and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was transported to Lea Land, an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and contoured to match the surrounding terrain. See Appendix D for Photographic Documentation.

Closure Request

After careful review, Pima requests that this incident, NAPP2220135929 be closed. Spur 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.

Respectfully,

Gio Gomez

Gio Gomez
Project Manager
Pima Environmental Services, LLC

Attachments

Figures:
1- Location Map
2- Topographic Map
3- Karst Map
4- Site 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

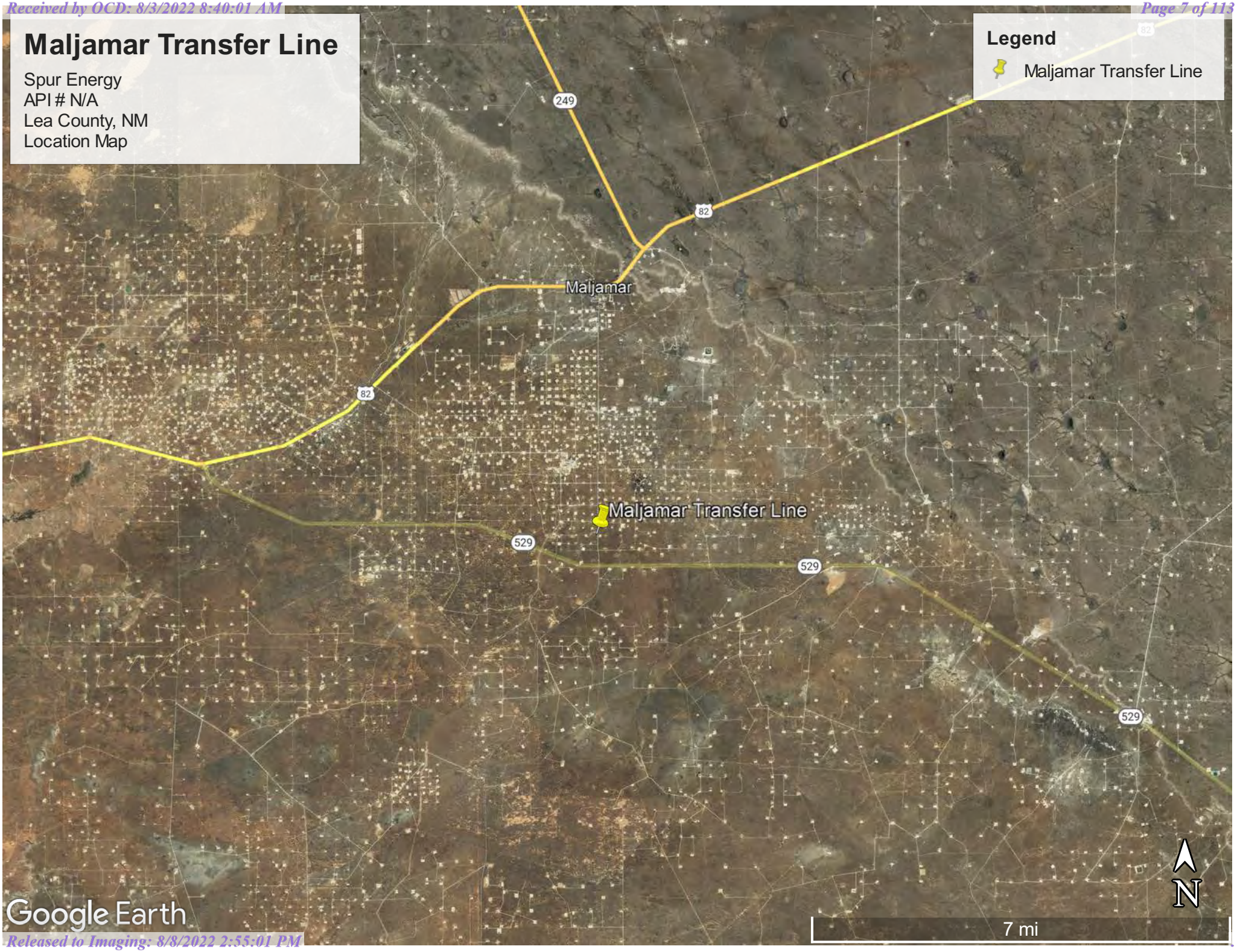
2 - Topographic Map

3 - Karst Map

4 - Site Map

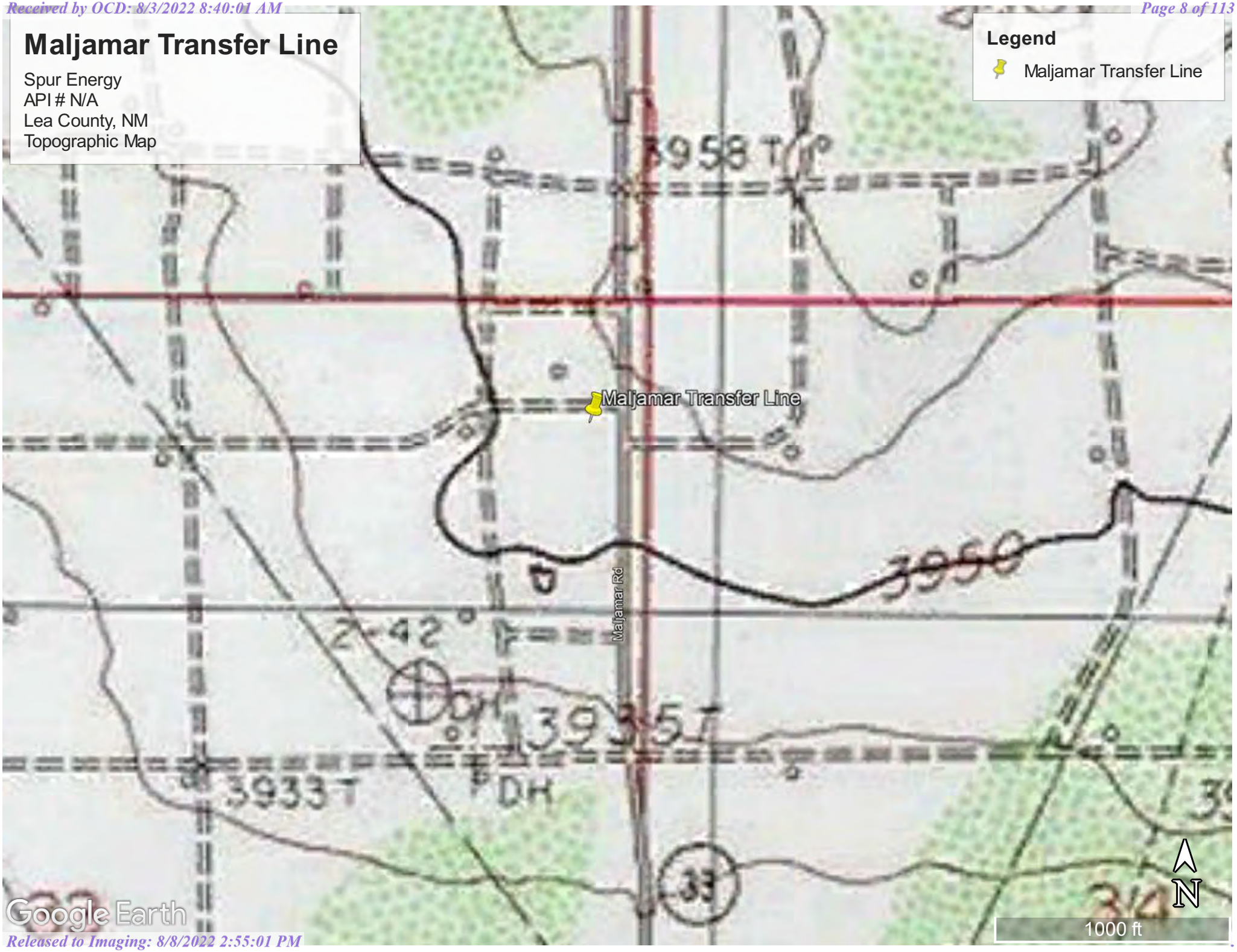
Maljamar Transfer Line

Spur Energy
API # N/A
Lea County, NM
Location Map



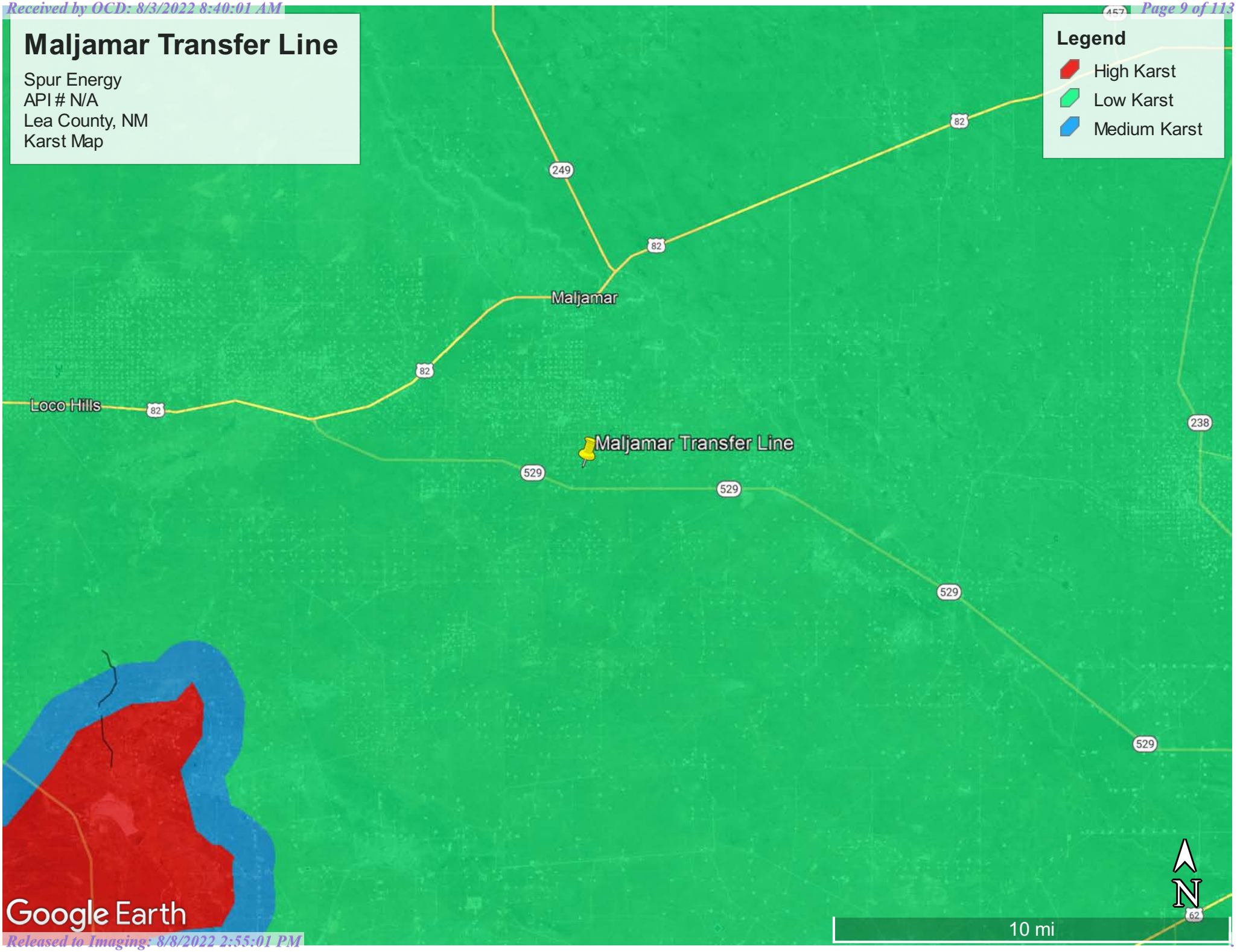
Maljamar Transfer Line

Spur Energy
API # N/A
Lea County, NM
Topographic Map



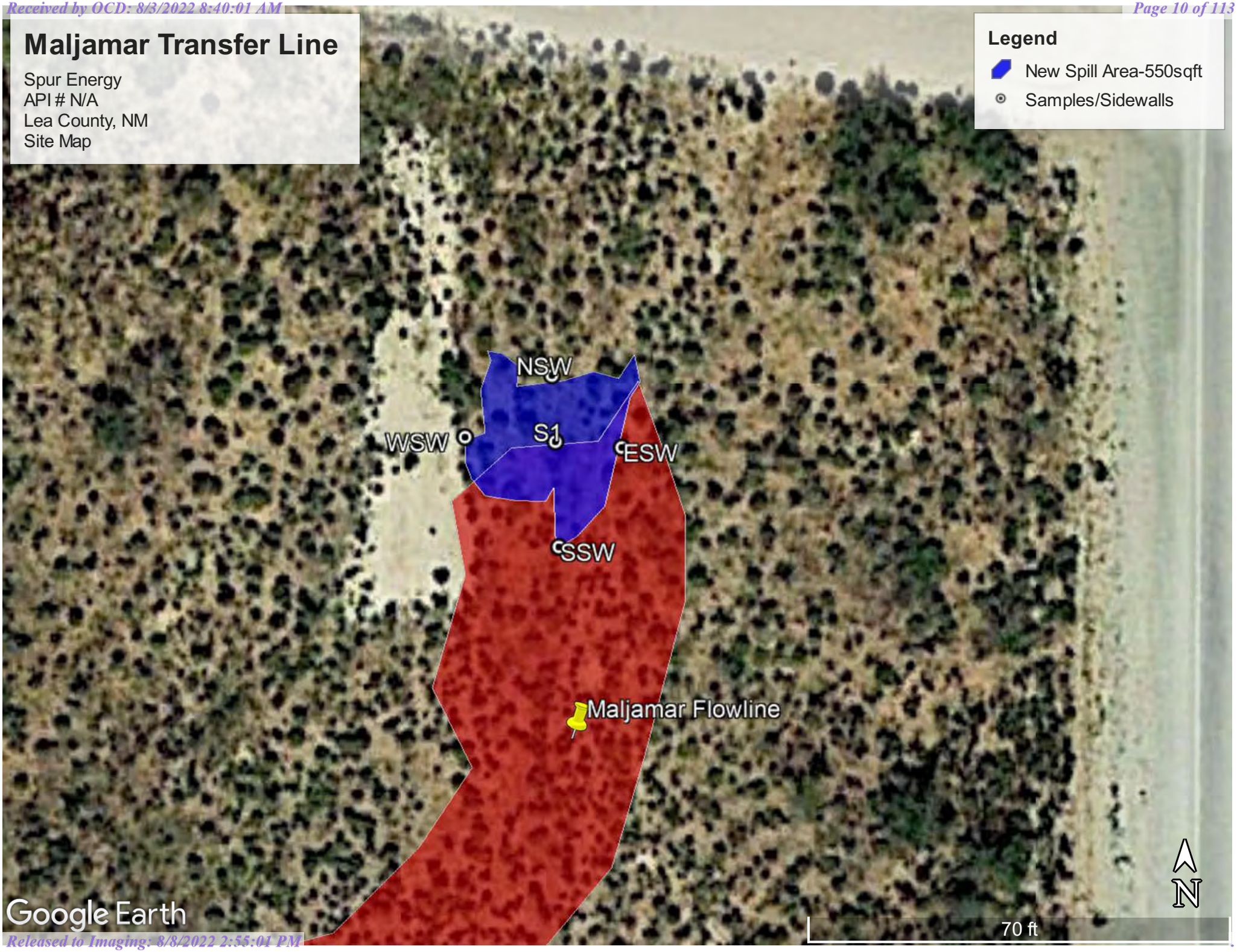
Maljamar Transfer Line

Spur Energy
API # N/A
Lea County, NM
Karst Map



Maljamar Transfer Line

Spur Energy
API # N/A
Lea County, NM
Site Map



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	Depth Well	Depth Water	Water Column
RA 12721 POD6		RA	LE	1	2	2	33	17S	32E	615530	3629431	190	130		
RA 12721 POD5		RA	LE	2	4	4	28	17S	32E	615650	3629961	494	130	124	6
RA 12721 POD3		RA	LE	2	3	4	28	17S	32E	615417	3629979	589	115		
RA 12721 POD4		RA	LE	1	1	2	33	17S	32E	615055	3629589	671	140		
RA 12721 POD7		RA	LE	1	3	2	33	17S	32E	615064	3629198	707	130		
RA 12721 POD8		RA	LE	1	2	1	33	17S	32E	614640	3629463	1075	130	108	22
RA 12721 POD2		RA	LE	1	1	4	28	17S	32E	615055	3630407	1145	124	75	49
RA 12721 POD1		RA	LE	3	2	3	28	17S	32E	614645	3630141	1263	125		
RA 12020 POD3		RA	LE	2	1	2	28	17S	32E	615152	3631019	1647	112	83	29
RA 12020 POD1		RA	LE	2	2	1	28	17S	32E	614828	3630954	1728	120	81	39
RA 10175		RA	LE		2	1	28	17S	32E	614814	3631005*	1778	158		
RA 12522 POD3		RA	LE	4	4	3	28	17S	32E	614980	3631093	1781	100		
RA 12522 POD2		RA	LE	2	2	1	28	17S	32E	614949	3631098	1798	100		
RA 12522 POD1		RA	LE	3	3	4	21	17S	32E	614941	3631122	1823	100		
RA 12521 POD1		RA	LE	3	3	4	21	17S	32E	615127	3631271	1893	105	92	13
RA 12042 POD1		RA	LE	2	2	1	28	17S	32E	614891	3631181	1898	400		
CP 00566 POD1		CP	LE	4	4	1	04	18S	32E	614960	3627280*	2318	133	65	68

Average Depth to Water: **89 feet**
Minimum Depth: **65 feet**
Maximum Depth: **124 feet**

Record Count: 17

UTMNAD83 Radius Search (in meters):

Easting (X): 615716 **Northing (Y):** 3629471.68 **Radius:** 3000

***UTM location was derived from PLSS - see Help**

5/19/22 9:55 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	RA 12721 POD5	2	4	4	28	17S	32E	615650	3629961

Driller License: 1456 **Driller Company:** WHITE DRILLING COMPANY

Driller Name: WHITE, JOHNNOWN.GENER

Drill Start Date: 04/27/2020 **Drill Finish Date:** 04/28/2020 **Plug Date:**

Log File Date: 05/18/2020 **PCW Rcv Date:** **Source:** Shallow

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

Casing Size: 2.00 **Depth Well:** 130 feet **Depth Water:** 124 feet

Water Bearing Stratifications:	Top	Bottom	Description
	109	121	Sandstone/Gravel/Conglomerate
	121	125	Sandstone/Gravel/Conglomerate
	125	130	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	90	130

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

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

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 324829103420201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

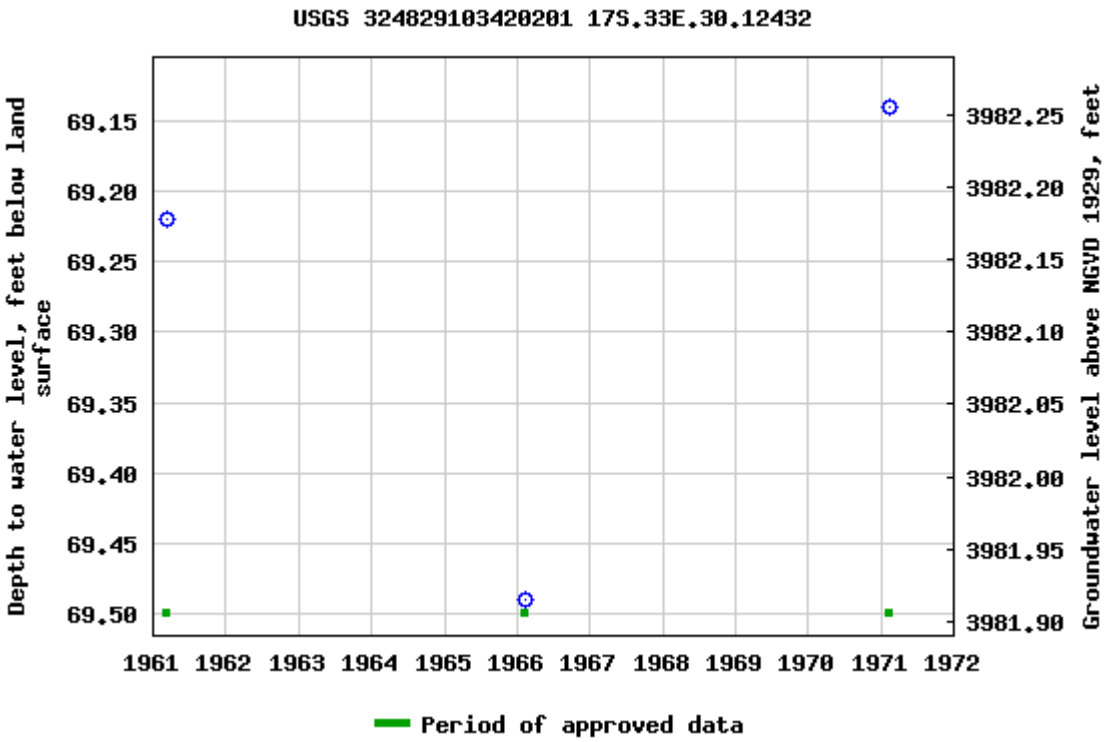
USGS 324829103420201 17S.33E.30.12432

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 12080003
Latitude 32°48'35", Longitude 103°42'13" NAD27
Land-surface elevation 4,051.40 feet above NGVD29
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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



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

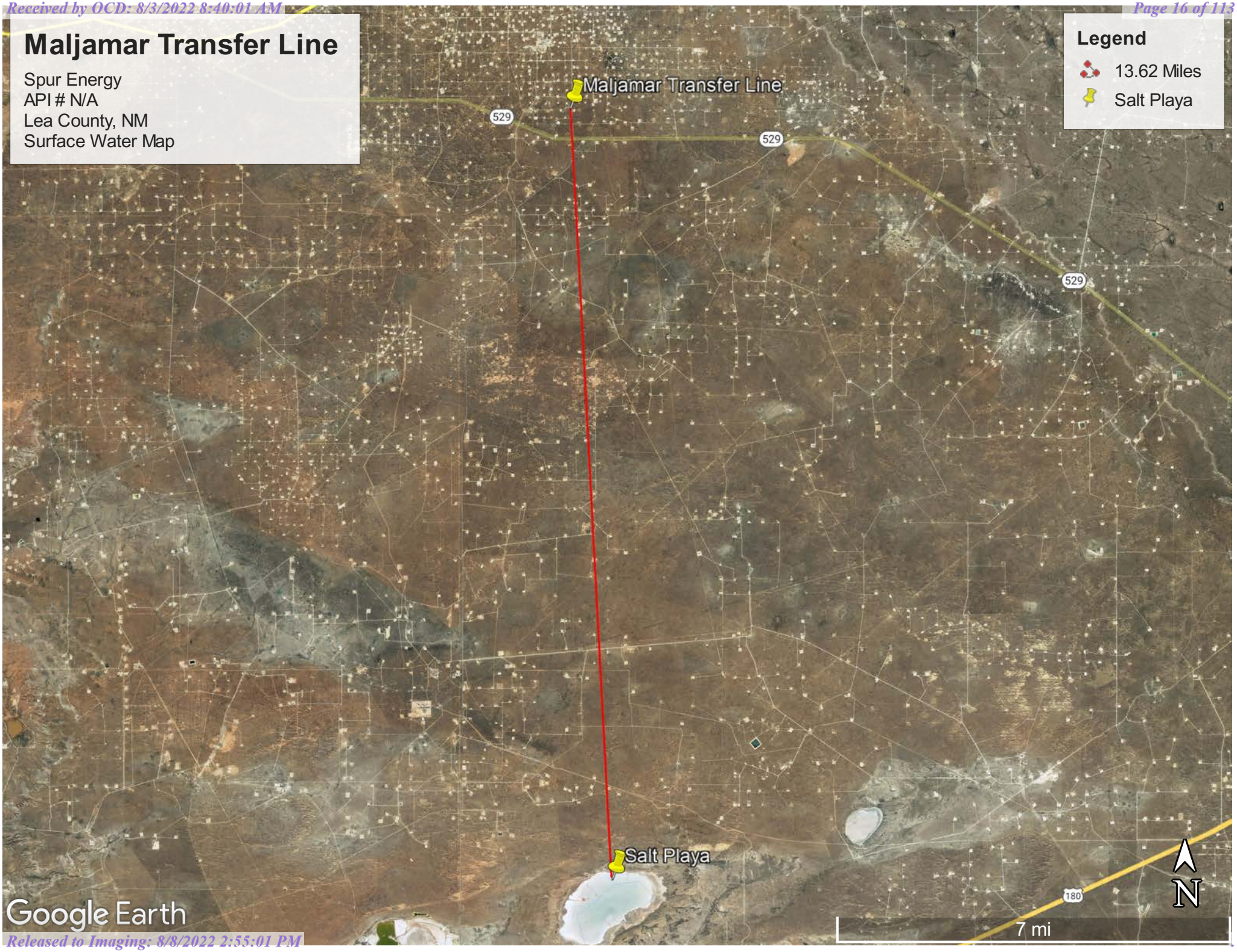
Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

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: 2022-07-19 13:46:32 EDT
0.55 0.47 nadww02

Maljamar Transfer Line

Spur Energy
API # N/A
Lea County, NM
Surface Water Map



Legend

- 13.62 Miles
- Salt Playa

Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Lea County, New Mexico

MF—Maljamar and Palomas fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmqb
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Maljamar and similar soils: 46 percent
Palomas and similar soils: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 7e

Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Description of Palomas

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from sandstone

Typical profile

A - 0 to 16 inches: fine sand
Bt - 16 to 60 inches: sandy clay loam
Bk - 60 to 66 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 45 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 7.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 5 percent
Ecological site: R042XC022NM - Sandhills
Hydric soil rating: No

Wink

Percent of map unit: 5 percent
Ecological site: R042XC003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 18, Sep 10, 2021

National Flood Hazard Layer FIRMette

FEMA

103°46'8"W 32°48'4"N

103°45'31"W 32°47'33"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 7/30/2022 at 3:32 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.

Pima Environmental Services

Appendix C

C-141 Form

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	nAPP2220135929
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Spur Energy Partners, LLC	OGRID 328947
Contact Name Chad Hensley	Contact Telephone (346) 339-1494
Contact email chensley@spurenergy.com	Incident # *(assigned by OCD)* nAPP2220135929
Contact mailing address 9655 Katy Freeway, Suite 500, Houston, TX 77024	

Location of Release Source

Latitude 32.7969343 Longitude -103.763427
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Maljamar Transfer Line	Site Type N/A
Date Release Discovered 07/19/2022	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
A	33	17S	32E	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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 45	Volume Recovered (bbls) 44
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Line strike by remedation crew

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2220135929
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Release was greater than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: Chad Hensley Title: EHS Coordinator

Signature: Chad Hensley Date: 07/20/2022

email: chensley@spurenergy.com Telephone: (346) 339-1494

OCD Only

Received by: _____ Date: _____

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2220135929
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?	124 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ 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)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ 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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ 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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2220135929
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: Chad Hensley Title: HSE Coordinator

Signature: Date: 7/31/2022

email: chensley@spurenergy.com Telephone: 314-290-8614

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2220135929
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: Chad Hensley Title: HSE Coordinator

Signature: _____ Date: 7/31/2022

email: chensley@spurenergy.com Telephone: 314-290-8614

OCD Only

Received by: _____ Date: _____

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: _____

Pima Environmental Services

Appendix D

Photographic Documentation


WGS84 32.79674,
±16ft -103.76417
ft ±11ft 3960
°,T ±12 SW239
Created with free version of GPS Camera 55
06May22 16:10 Ad-hoc
Hobbs NM 88240, United States 06-May-22 16:10:36


WGS84 32.79671,
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ft ±11ft 3959
°,T ±12 W260
Created with free version of GPS Camera 55
06May22 16:10 Ad-hoc
Hobbs NM 88240, United States 06-May-22 16:10:11


WGS84 32.79670,
±16ft -103.76376
ft ±11ft 3959
°,T ±12 W260
Created with free version of GPS Camera 55
06May22 16:09 Ad-hoc
Maljamar Rd, Hobbs NM 88240, US 06-May-22 16:09:52


WGS84 32.79670,
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ft ±11ft 3959
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ft
±23ft 3961
°,T
±12 SE158
06May22 16:09 Ad-hoc
Maljamar Rd, Hobbs NM 88240, US 06-May-22 16:09:20


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ft
±11ft 3962
°,T
±12 SE160
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Maljamar Rd, Hobbs NM 88240, US 06-May-22 16:07:49


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±11ft 3961
°,T
±13 SW215
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±16ft -103.76345
ft
±11ft 3964
°,T
±13 SE162
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±131ft -103.76339
ft
±22ft 3961
°T
±13 SE147
Created with
free version of
GPS Camera 55
06May22 16:06 Ad-hoc
Maljamar Rd, Hobbs NM 88240, US 06-May-22 16:06:05


+32.797069, -103.763265
Lea County
Spur Energy
Maljamar Transfer Line
Dig & Haul


+32.796660, -103.764522
Lea County
Spur Energy
Maljamar Transfer Line
Dig & Haul


+32.796467, -103.763948
Lea County
Spur Energy
Maljamar Transfer Line
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+32.797040,-103.763264
Lea County
Spur Energy
Maljamar Transfer Line
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Lea County
Spur Energy
Maljamar Transfer Line
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Lea County
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+32.797122,-103.763314
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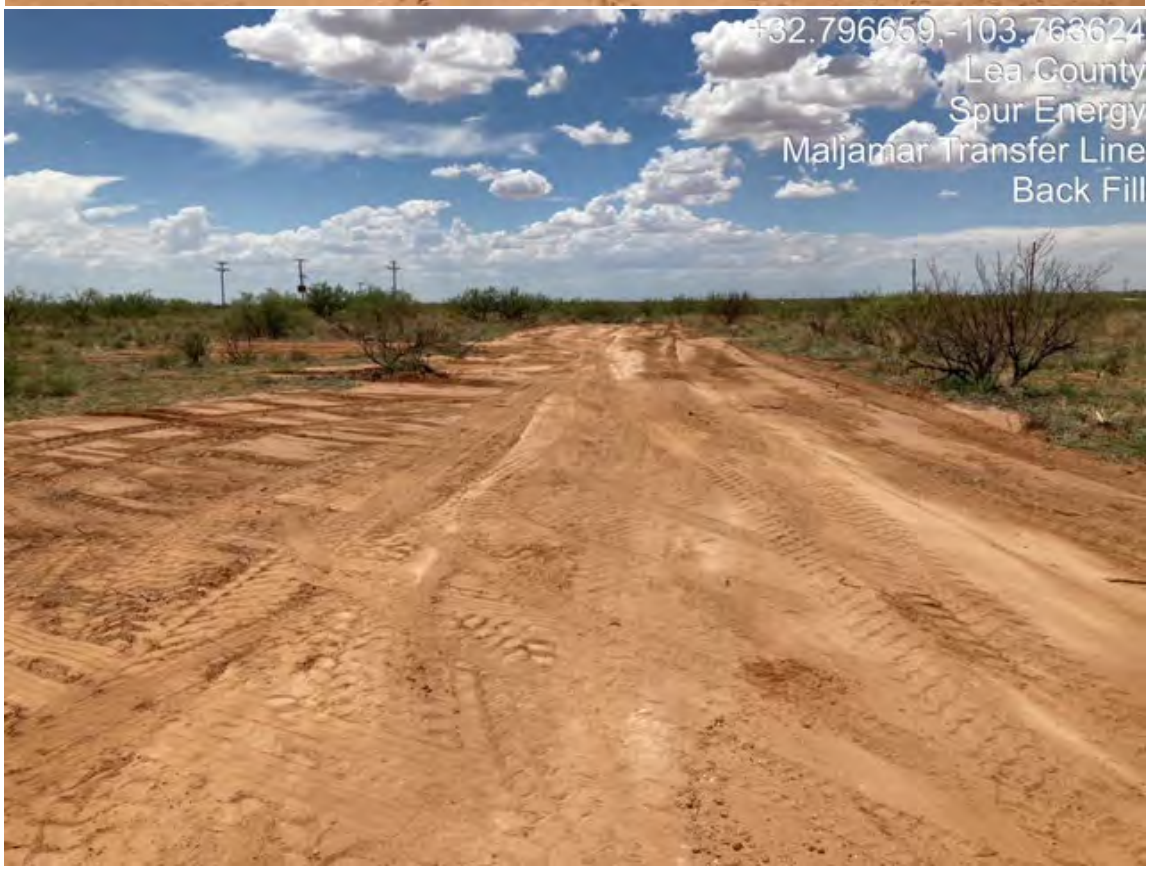
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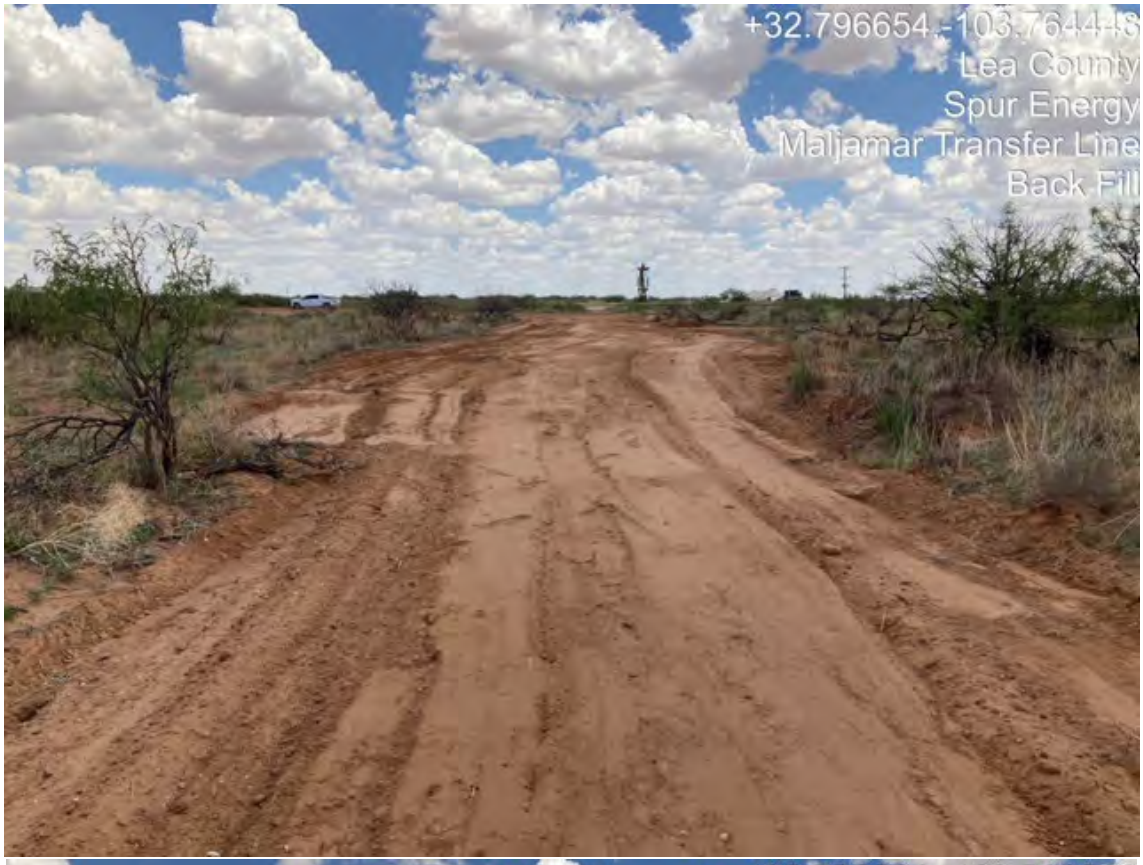
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+32.796661,-103.763823
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+32.796623,-103.763731
Lea County
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Maljamar Transfer Line
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+32.797085,-103.763531
Lea County
Spur Energy
Maljamar Transfer Line
Back Fill

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:	Maljamar Flowline
Work Order:	E205043
Job Number:	21068-0001
Received:	5/10/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/22

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: 5/16/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Maljamar Flowline
Workorder: E205043
Date Received: 5/10/2022 10:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/10/2022 10:30:00AM, under the Project Name: Maljamar Flowline.

The analytical test results summarized in this report with the Project Name: Maljamar Flowline 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 reguarding 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
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/16/22 16:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-1 - 0 - 6"	E205043-01A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
S-1 8'	E205043-02A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
S-2 0 - 6"	E205043-03A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
S-2 6'	E205043-04A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
S-3 0 - 6"	E205043-05A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
S-3 6'	E205043-06A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
S-4 0 - 6"	E205043-07A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
S-4 6'	E205043-08A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
BG-1	E205043-09A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
BG-2	E205043-10A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
SW-1	E205043-11A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
SW-2	E205043-12A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
SW-3	E205043-13A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
SW-4	E205043-14A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
SW-5	E205043-15A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
SW-6	E205043-16A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
SW-7	E205043-17A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.
SW-8	E205043-18A	Soil	05/07/22	05/10/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

S-1 - 0 - 6''

E205043-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	**29.7**	0.250	10	05/11/22	05/13/22	
Ethylbenzene	**80.0**	0.250	10	05/11/22	05/13/22	
Toluene	**82.7**	0.500	20	05/11/22	05/16/22	
o-Xylene	**28.2**	0.250	10	05/11/22	05/13/22	
p,m-Xylene	**55.5**	0.500	10	05/11/22	05/13/22	
Total Xylenes	**83.7**	0.250	10	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	**1280**	200	10	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	**29400**	2500	100	05/12/22	05/13/22	
Oil Range Organics (C28-C36)	**9760**	5000	100	05/12/22	05/13/22	
Surrogate: n-Nonane		*869 %*	*50-200*	*05/12/22*	*05/13/22*	*S6*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**10600**	400	20	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

S-1 8'

E205043-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/13/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*05/12/22*	*05/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**81.0**	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

S-2 0 - 6"

E205043-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	**0.353**	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	**2.60**	0.0250	1	05/11/22	05/13/22	
Toluene	**2.51**	0.0250	1	05/11/22	05/13/22	
o-Xylene	**1.11**	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	**1.98**	0.0500	1	05/11/22	05/13/22	
Total Xylenes	**3.09**	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	**56.2**	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	**98.2**	25.0	1	05/12/22	05/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/13/22	
Surrogate: n-Nonane		*133 %*	*50-200*	*05/12/22*	*05/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**3330**	40.0	2	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

S-2 6'

E205043-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/13/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*05/12/22*	*05/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**274**	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

S-3 0 - 6"

E205043-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	**351**	50.0	2	05/12/22	05/13/22	
Oil Range Organics (C28-C36)	**183**	100	2	05/12/22	05/13/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*05/12/22*	*05/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**5070**	40.0	2	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

S-3 6'

E205043-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/13/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*05/12/22*	*05/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**420**	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

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E205043-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	**63.1**	25.0	1	05/12/22	05/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/13/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*05/12/22*	*05/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**7600**	200	10	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

S-4 6'

E205043-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	**8520**	500	20	05/12/22	05/16/22	
Oil Range Organics (C28-C36)	**5320**	1000	20	05/12/22	05/16/22	
Surrogate: n-Nonane		*138 %*	*50-200*	*05/12/22*	*05/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	ND	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

BG-1

E205043-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	**0.0600**	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	**0.0270**	0.0250	1	05/11/22	05/13/22	
Toluene	**0.0865**	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/13/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*05/12/22*	*05/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	ND	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

BG-2

E205043-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	**0.0320**	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	**0.0540**	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/13/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*05/12/22*	*05/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	ND	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

SW-1

E205043-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/14/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*05/12/22*	*05/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**275**	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

SW-2

E205043-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/14/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*05/12/22*	*05/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**275**	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

SW-3

E205043-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/14/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*05/12/22*	*05/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**22.1**	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

SW-4

E205043-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/14/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*05/12/22*	*05/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**101**	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

SW-5

E205043-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/14/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*05/12/22*	*05/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**96.3**	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

SW-6

E205043-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/14/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*05/12/22*	*05/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**23.0**	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

SW-7

E205043-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*05/11/22*	*05/13/22*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*05/11/22*	*05/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/14/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*05/12/22*	*05/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**153**	20.0	1	05/12/22	05/13/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

SW-8

E205043-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/22	05/14/22	
Ethylbenzene	ND	0.0250	1	05/11/22	05/14/22	
Toluene	ND	0.0250	1	05/11/22	05/14/22	
o-Xylene	ND	0.0250	1	05/11/22	05/14/22	
p,m-Xylene	ND	0.0500	1	05/11/22	05/14/22	
Total Xylenes	ND	0.0250	1	05/11/22	05/14/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*05/11/22*	*05/14/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*05/11/22*	*05/14/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*05/11/22*	*05/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/22	05/14/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*05/11/22*	*05/14/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*05/11/22*	*05/14/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*05/11/22*	*05/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/22	05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/22	05/14/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*05/12/22*	*05/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2220043
Chloride	**135**	20.0	1	05/12/22	05/13/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2220031-BLK1)									Prepared: 05/11/22 Analyzed: 05/13/22
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	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.7*	*70-130*			
LCS (2220031-BS1)									Prepared: 05/11/22 Analyzed: 05/13/22
Benzene	2.19	0.0250	2.50		87.6	70-130			
Ethylbenzene	2.25	0.0250	2.50		90.1	70-130			
Toluene	2.18	0.0250	2.50		87.0	70-130			
o-Xylene	2.28	0.0250	2.50		91.1	70-130			
p,m-Xylene	4.52	0.0500	5.00		90.4	70-130			
Total Xylenes	6.80	0.0250	7.50		90.6	70-130			
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*99.0*	*70-130*			
Matrix Spike (2220031-MS1)				**Source: E205043-04**					Prepared: 05/11/22 Analyzed: 05/13/22
Benzene	2.24	0.0250	2.50	ND	89.5	48-131			
Ethylbenzene	2.32	0.0250	2.50	ND	92.8	45-135			
Toluene	2.24	0.0250	2.50	ND	89.7	48-130			
o-Xylene	2.36	0.0250	2.50	ND	94.3	43-135			
p,m-Xylene	4.64	0.0500	5.00	ND	92.7	43-135			
Total Xylenes	6.99	0.0250	7.50	ND	93.2	43-135			
Surrogate: Bromofluorobenzene	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.526*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2220031-MSD1)				**Source: E205043-04**					Prepared: 05/11/22 Analyzed: 05/13/22
Benzene	2.29	0.0250	2.50	ND	91.6	48-131	2.30	23	
Ethylbenzene	2.44	0.0250	2.50	ND	97.5	45-135	4.90	27	
Toluene	2.37	0.0250	2.50	ND	94.6	48-130	5.32	24	
o-Xylene	2.49	0.0250	2.50	ND	99.5	43-135	5.35	27	
p,m-Xylene	4.87	0.0500	5.00	ND	97.5	43-135	5.02	27	
Total Xylenes	7.36	0.0250	7.50	ND	98.1	43-135	5.13	27	
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.517*		*0.500*		*103*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2220031-BLK1)									Prepared: 05/11/22 Analyzed: 05/13/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.7*	*70-130*			
LCS (2220031-BS2)									Prepared: 05/11/22 Analyzed: 05/13/22
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
Matrix Spike (2220031-MS2)				**Source: E205043-04**					Prepared: 05/11/22 Analyzed: 05/13/22
Gasoline Range Organics (C6-C10)	52.0	20.0	50.0	ND	104	70-130			
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2220031-MSD2)				**Source: E205043-04**					Prepared: 05/11/22 Analyzed: 05/13/22
Gasoline Range Organics (C6-C10)	55.7	20.0	50.0	ND	111	70-130	6.77	20	
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2220037-BLK1)									Prepared: 05/11/22 Analyzed: 05/13/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.7*		*50.0*		*101*	*50-200*			
LCS (2220037-BS1)									Prepared: 05/11/22 Analyzed: 05/13/22
Diesel Range Organics (C10-C28)	434	25.0	500		86.9	38-132			
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*50-200*			
Matrix Spike (2220037-MS1)				**Source: E205043-04**					Prepared: 05/11/22 Analyzed: 05/13/22
Diesel Range Organics (C10-C28)	469	25.0	500	ND	93.8	38-132			
Surrogate: n-Nonane	*59.5*		*50.0*		*119*	*50-200*			
Matrix Spike Dup (2220037-MSD1)				**Source: E205043-04**					Prepared: 05/11/22 Analyzed: 05/13/22
Diesel Range Organics (C10-C28)	468	25.0	500	ND	93.7	38-132	0.115	20	
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2022 4:26:01PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2220043-BLK1)									Prepared: 05/12/22 Analyzed: 05/13/22
Chloride	ND	20.0							
LCS (2220043-BS1)									Prepared: 05/12/22 Analyzed: 05/13/22
Chloride	248	20.0	250		99.3	90-110			
Matrix Spike (2220043-MS1)				**Source: E205043-02**					Prepared: 05/12/22 Analyzed: 05/13/22
Chloride	334	20.0	250	81.0	101	80-120			
Matrix Spike Dup (2220043-MSD1)				**Source: E205043-02**					Prepared: 05/12/22 Analyzed: 05/13/22
Chloride	349	20.0	250	81.0	107	80-120	4.31	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:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/16/22 16:26

S6	Surrogate was diluted out due to high concentrations of target and/or non-target analytes and does not provide useful information. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Project Information | Chain of Custody | Page 1 of 2

Client: Pima Environmental Services	Bill To
Project: Major Flowline	Attention: SPUR
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 6-68
Report due by:	

Lab Use Only: Lab WO# E205043 | Job Number 21018O0001

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
	5-1-22	S	1	S-1 - 0-6"	1	
				S-1 8'	2	
				S-2 0-6"	3	
				S-2 6'	4	
				S-3 0-6"	5	
				S-3 6'	6	
				S-4 0-6"	7	
				S-4 6'	8	
				BG-1	9	
				BG-2	10	

Additional Instructions:

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

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
Cody Alvarez	5/6/22	1:35P	Jaquez Martinez	5/6/22	1:35P
Jaquez Martinez	5-7-22	1610	[signature]	5/7/22	1030
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only: Received on ice: (Y) N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

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Project Information | Chain of Custody | Page 2 of 2

Client: Pima Environmental Services	Bill To
Project: MALJAMAR FLOWLINE	Attention: Same
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 6-68
Report due by:	

Lab Use Only: Lab WO# E205043 | Job Number 21008-0001

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
	5-7-22	Soil	1	SW-1	11	
				SW-2	12	
				SW-3	13	
				SW-4	14	
				SW-5	15	
				SW-6	16	
				SW-7	17	
			2	SW-8	18	

Additional Instructions:

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

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
Rudy Alvarez	5/9/22	1:35P		5-9-22	13:35
	5-9-22	1610		5/10/22	1030

Lab Use Only — Received on ice: (Y) N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 5/10/2022 1:11:21PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/10/22 10:30	Work Order ID:	E205043
Phone:	(575) 631-6977	Date Logged In:	05/10/22 09:00	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	05/16/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration 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

Comments/Resolution

Time sampled not provided on COC.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Maljamar Flowline
Work Order:	E205100
Job Number:	21068-0001
Received:	5/20/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/26/22

Date Reported: 5/26/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Maljamar Flowline
Workorder: E205100
Date Received: 5/20/2022 1:29:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/20/2022 1:29:00PM, under the Project Name: Maljamar Flowline.

The analytical test results summarized in this report with the Project Name: Maljamar Flowline 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 reguarding 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
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/26/22 16:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-4'	E205100-01A	Soil	05/17/22	05/20/22	Glass Jar, 4 oz.
S2-4'	E205100-02A	Soil	05/17/22	05/20/22	Glass Jar, 4 oz.
S3-4'	E205100-03A	Soil	05/17/22	05/20/22	Glass Jar, 4 oz.
S4-4'	E205100-04A	Soil	05/17/22	05/20/22	Glass Jar, 4 oz.
S4-8'	E205100-05A	Soil	05/17/22	05/20/22	Glass Jar, 4 oz.
S2-8'	E205100-06A	Soil	05/17/22	05/20/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/26/2022 4:09:27PM

S1-4'

E205100-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Benzene	**13.1**	0.250	10	05/23/22	05/24/22	
Ethylbenzene	**43.9**	0.250	10	05/23/22	05/24/22	
Toluene	**54.8**	0.250	10	05/23/22	05/24/22	
o-Xylene	**16.6**	0.250	10	05/23/22	05/24/22	
p,m-Xylene	**33.3**	0.500	10	05/23/22	05/24/22	
Total Xylenes	**49.9**	0.250	10	05/23/22	05/24/22	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Gasoline Range Organics (C6-C10)	**808**	200	10	05/23/22	05/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2222070
Diesel Range Organics (C10-C28)	**10100**	250	10	05/26/22	05/26/22	
Oil Range Organics (C28-C36)	**3430**	500	10	05/26/22	05/26/22	
Surrogate: n-Nonane		*228 %*	*50-200*	*05/26/22*	*05/26/22*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2222003
Chloride	**9330**	400	20	05/23/22	05/23/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/26/2022 4:09:27PM

S2-4'

E205100-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Benzene	ND	0.0250	1	05/23/22	05/24/22	
Ethylbenzene	ND	0.0250	1	05/23/22	05/24/22	
Toluene	ND	0.0250	1	05/23/22	05/24/22	
o-Xylene	ND	0.0250	1	05/23/22	05/24/22	
p,m-Xylene	ND	0.0500	1	05/23/22	05/24/22	
Total Xylenes	ND	0.0250	1	05/23/22	05/24/22	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/22	05/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2222070
Diesel Range Organics (C10-C28)	**48.1**	25.0	1	05/26/22	05/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*05/26/22*	*05/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2222003
Chloride	**11100**	400	20	05/23/22	05/23/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/26/2022 4:09:27PM

S3-4'

E205100-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Benzene	ND	0.0250	1	05/23/22	05/24/22	
Ethylbenzene	ND	0.0250	1	05/23/22	05/24/22	
Toluene	ND	0.0250	1	05/23/22	05/24/22	
o-Xylene	ND	0.0250	1	05/23/22	05/24/22	
p,m-Xylene	ND	0.0500	1	05/23/22	05/24/22	
Total Xylenes	ND	0.0250	1	05/23/22	05/24/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/22	05/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2222070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		*95.7 %*	*50-200*	*05/26/22*	*05/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2222003
Chloride	**7240**	200	10	05/23/22	05/23/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/26/2022 4:09:27PM

S4-4'

E205100-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Benzene	ND	0.0250	1	05/23/22	05/24/22	
Ethylbenzene	ND	0.0250	1	05/23/22	05/24/22	
Toluene	ND	0.0250	1	05/23/22	05/24/22	
o-Xylene	ND	0.0250	1	05/23/22	05/24/22	
p,m-Xylene	ND	0.0500	1	05/23/22	05/24/22	
Total Xylenes	ND	0.0250	1	05/23/22	05/24/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/22	05/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2222070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*05/26/22*	*05/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2222003
Chloride	**12100**	400	20	05/23/22	05/23/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/26/2022 4:09:27PM

S4-8'

E205100-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Benzene	**0.0266**	0.0250	1	05/23/22	05/24/22	
Ethylbenzene	ND	0.0250	1	05/23/22	05/24/22	
Toluene	**0.0292**	0.0250	1	05/23/22	05/24/22	
o-Xylene	ND	0.0250	1	05/23/22	05/24/22	
p,m-Xylene	ND	0.0500	1	05/23/22	05/24/22	
Total Xylenes	ND	0.0250	1	05/23/22	05/24/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/22	05/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2222070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*05/26/22*	*05/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2222003
Chloride	ND	20.0	1	05/23/22	05/23/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/26/2022 4:09:27PM

S2-8'

E205100-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Benzene	ND	0.0250	1	05/23/22	05/24/22	
Ethylbenzene	ND	0.0250	1	05/23/22	05/24/22	
Toluene	ND	0.0250	1	05/23/22	05/24/22	
o-Xylene	ND	0.0250	1	05/23/22	05/24/22	
p,m-Xylene	ND	0.0500	1	05/23/22	05/24/22	
Total Xylenes	ND	0.0250	1	05/23/22	05/24/22	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2222002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/22	05/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*05/23/22*	*05/24/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2222070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		*97.5 %*	*50-200*	*05/26/22*	*05/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2222003
Chloride	ND	20.0	1	05/23/22	05/23/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/26/2022 4:09:27PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2222002-BLK1)									Prepared: 05/23/22 Analyzed: 05/23/22
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: 4-Bromochlorobenzene-PID	*7.75*		*8.00*		*96.8*	*70-130*			
LCS (2222002-BS1)									Prepared: 05/23/22 Analyzed: 05/24/22
Benzene	5.17	0.0250	5.00		103	70-130			
Ethylbenzene	4.65	0.0250	5.00		93.0	70-130			
Toluene	4.94	0.0250	5.00		98.8	70-130			
o-Xylene	4.84	0.0250	5.00		96.9	70-130			
p,m-Xylene	9.58	0.0500	10.0		95.8	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.20*		*8.00*		*102*	*70-130*			
LCS Dup (2222002-BSD1)									Prepared: 05/23/22 Analyzed: 05/24/22
Benzene	5.20	0.0250	5.00		104	70-130	0.661	20	
Ethylbenzene	4.72	0.0250	5.00		94.3	70-130	1.39	20	
Toluene	4.98	0.0250	5.00		99.6	70-130	0.793	20	
o-Xylene	4.90	0.0250	5.00		98.0	70-130	1.15	20	
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130	1.42	20	
Total Xylenes	14.6	0.0250	15.0		97.4	70-130	1.33	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.52*		*8.00*		*107*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/26/2022 4:09:27PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2222002-BLK1)									Prepared: 05/23/22 Analyzed: 05/23/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			
LCS (2222002-BS2)									Prepared: 05/23/22 Analyzed: 05/24/22
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.4*	*70-130*			
LCS Dup (2222002-BSD2)									Prepared: 05/23/22 Analyzed: 05/24/22
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130	9.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/26/2022 4:09:27PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2222070-BLK1)									Prepared: 05/26/22 Analyzed: 05/26/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.9*		*50.0*		*89.8*	*50-200*			
LCS (2222070-BS1)									Prepared: 05/26/22 Analyzed: 05/26/22
Diesel Range Organics (C10-C28)	443	25.0	500		88.6	38-132			
Surrogate: n-Nonane	*47.4*		*50.0*		*94.8*	*50-200*			
Matrix Spike (2222070-MS1)				**Source: E205100-03**					Prepared: 05/26/22 Analyzed: 05/26/22
Diesel Range Organics (C10-C28)	446	25.0	500	ND	89.2	38-132			
Surrogate: n-Nonane	*46.4*		*50.0*		*92.7*	*50-200*			
Matrix Spike Dup (2222070-MSD1)				**Source: E205100-03**					Prepared: 05/26/22 Analyzed: 05/26/22
Diesel Range Organics (C10-C28)	466	25.0	500	ND	93.2	38-132	4.39	20	
Surrogate: n-Nonane	*49.1*		*50.0*		*98.2*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/26/2022 4:09:27PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2222003-BLK1)									Prepared: 05/23/22 Analyzed: 05/23/22
Chloride	ND	20.0							
LCS (2222003-BS1)									Prepared: 05/23/22 Analyzed: 05/23/22
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2222003-MS1)				**Source: E205107-01**					Prepared: 05/23/22 Analyzed: 05/23/22
Chloride	246	20.0	250	ND	98.4	80-120			
Matrix Spike Dup (2222003-MSD1)				**Source: E205107-01**					Prepared: 05/23/22 Analyzed: 05/23/22
Chloride	248	20.0	250	ND	99.2	80-120	0.792	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:	Maljamar Flowline	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/26/22 16:09

S5	Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
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 1

Client: Pima Environmental Services	Bill To
Project: Maljamar Flowline	Attention: Spur Energy
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 6-68
Report due by:	

Lab Use Only: Lab WO# E205100 | Job Number 21028000 01

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
9:00	5/17/22	Soil	1	S1 - 4'	1	X	
9:05				S2 - 4'	2		
9:10				S3 - 4'	3		
9:15				S4 - 4'	4		
9:20				S4 - 8'	5		
9:25				S2 - 8'	6		

Additional Instructions:

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

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
	5/19/22	3:09 pm		5-19-22	3:07p
	5-20-22	13:27		5/20/22	13:29

Lab Use Only: Received on ice: (Y) N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 5/20/2022 2:31:24PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/20/22 13:29	Work Order ID:	E205100
Phone:	(575) 631-6977	Date Logged In:	05/20/22 12:47	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	05/26/22 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	Carrier: Transporter
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Maljamar Transfer Line
Work Order:	E207140
Job Number:	21068-0001
Received:	7/21/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/27/22

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: 7/27/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Maljamar Transfer Line
Workorder: E207140
Date Received: 7/21/2022 10:10:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/21/2022 10:10:00AM, under the Project Name: Maljamar Transfer Line.

The analytical test results summarized in this report with the Project Name: Maljamar Transfer Line 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

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

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Technical Representative/Client Services
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Cell: 505-320-4759
ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/27/22 17:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
NSW	E207140-01A	Soil	07/19/22	07/21/22	Glass Jar, 4 oz.
ESW	E207140-02A	Soil	07/19/22	07/21/22	Glass Jar, 4 oz.
WSW	E207140-03A	Soil	07/19/22	07/21/22	Glass Jar, 4 oz.
SSW	E207140-04A	Soil	07/19/22	07/21/22	Glass Jar, 4 oz.
S.1 4'	E207140-05A	Soil	07/19/22	07/21/22	Glass Jar, 4 oz.
S.1 6'	E207140-06A	Soil	07/19/22	07/21/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:25:43PM

NSW

E207140-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Benzene	ND	0.0250	1	07/22/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/25/22	
Toluene	ND	0.0250	1	07/22/22	07/25/22	
o-Xylene	ND	0.0250	1	07/22/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/25/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/26/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/26/22	07/27/22	
Surrogate: n-Nonane		*90.1 %*	*50-200*	*07/26/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231016
Chloride	ND	20.0	1	07/25/22	07/25/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:25:43PM

ESW

E207140-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Benzene	ND	0.0250	1	07/22/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/25/22	
Toluene	ND	0.0250	1	07/22/22	07/25/22	
o-Xylene	ND	0.0250	1	07/22/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/25/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/26/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/26/22	07/27/22	
Surrogate: n-Nonane		*91.3 %*	*50-200*	*07/26/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231016
Chloride	ND	20.0	1	07/25/22	07/25/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:25:43PM

WSW

E207140-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Benzene	ND	0.0250	1	07/22/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/25/22	
Toluene	ND	0.0250	1	07/22/22	07/25/22	
o-Xylene	ND	0.0250	1	07/22/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/25/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/26/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/26/22	07/27/22	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*07/26/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231016
Chloride	ND	20.0	1	07/25/22	07/25/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:25:43PM

SSW

E207140-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Benzene	ND	0.0250	1	07/22/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/25/22	
Toluene	ND	0.0250	1	07/22/22	07/25/22	
o-Xylene	ND	0.0250	1	07/22/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/25/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/26/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/26/22	07/27/22	
Surrogate: n-Nonane		*89.0 %*	*50-200*	*07/26/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231016
Chloride	ND	20.0	1	07/25/22	07/25/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:25:43PM

S.1 4'

E207140-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Benzene	ND	0.0250	1	07/22/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/25/22	
Toluene	ND	0.0250	1	07/22/22	07/25/22	
o-Xylene	ND	0.0250	1	07/22/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/25/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/26/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/26/22	07/27/22	
Surrogate: n-Nonane		*95.1 %*	*50-200*	*07/26/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231016
Chloride	**3120**	40.0	2	07/25/22	07/25/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:25:43PM

S.1 6'

E207140-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Benzene	ND	0.0250	1	07/22/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/25/22	
Toluene	ND	0.0250	1	07/22/22	07/25/22	
o-Xylene	ND	0.0250	1	07/22/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/25/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230100
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*07/22/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/26/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/26/22	07/27/22	
Surrogate: n-Nonane		*90.3 %*	*50-200*	*07/26/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231016
Chloride	ND	20.0	1	07/25/22	07/25/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:25:43PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2230100-BLK1)									Prepared: 07/22/22 Analyzed: 07/25/22
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: 4-Bromochlorobenzene-PID	*7.99*		*8.00*		*99.9*	*70-130*			
LCS (2230100-BS1)									Prepared: 07/22/22 Analyzed: 07/25/22
Benzene	4.53	0.0250	5.00		90.5	70-130			
Ethylbenzene	3.93	0.0250	5.00		78.7	70-130			
Toluene	4.25	0.0250	5.00		85.0	70-130			
o-Xylene	4.23	0.0250	5.00		84.6	70-130			
p,m-Xylene	8.14	0.0500	10.0		81.4	70-130			
Total Xylenes	12.4	0.0250	15.0		82.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.15*		*8.00*		*102*	*70-130*			
LCS Dup (2230100-BSD1)									Prepared: 07/22/22 Analyzed: 07/25/22
Benzene	4.82	0.0250	5.00		96.4	70-130	6.34	20	
Ethylbenzene	4.19	0.0250	5.00		83.8	70-130	6.27	20	
Toluene	4.53	0.0250	5.00		90.6	70-130	6.35	20	
o-Xylene	4.50	0.0250	5.00		89.9	70-130	6.16	20	
p,m-Xylene	8.66	0.0500	10.0		86.6	70-130	6.19	20	
Total Xylenes	13.2	0.0250	15.0		87.7	70-130	6.18	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.18*		*8.00*		*102*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:25:43PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2230100-BLK1)									Prepared: 07/22/22 Analyzed: 07/25/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			
LCS (2230100-BS2)									Prepared: 07/22/22 Analyzed: 07/25/22
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0		81.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.52*		*8.00*		*93.9*	*70-130*			
LCS Dup (2230100-BSD2)									Prepared: 07/22/22 Analyzed: 07/25/22
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.3	70-130	1.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.8*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:25:43PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2231037-BLK1)									Prepared: 07/26/22 Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.3*		*50.0*		*107*	*50-200*			
LCS (2231037-BS1)									Prepared: 07/26/22 Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132			
Surrogate: n-Nonane	*55.3*		*50.0*		*111*	*50-200*			
Matrix Spike (2231037-MS1)				**Source: E207139-04**					Prepared: 07/26/22 Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	*56.4*		*50.0*		*113*	*50-200*			
Matrix Spike Dup (2231037-MSD1)				**Source: E207139-04**					Prepared: 07/26/22 Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	301	25.0	250	ND	120	38-132	8.91	20	
Surrogate: n-Nonane	*61.9*		*50.0*		*124*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:25:43PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2231016-BLK1)									Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	ND	20.0							
LCS (2231016-BS1)									Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	245	20.0	250		97.8	90-110			
Matrix Spike (2231016-MS1)				**Source: E207140-01**					Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	249	20.0	250	ND	99.4	80-120			
Matrix Spike Dup (2231016-MSD1)				**Source: E207140-01**					Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	249	20.0	250	ND	99.7	80-120	0.256	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:	Maljamar Transfer Line	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/27/22 17:25

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 1

Client: Pima Environmental Services	
Project: Maljamar Transfer Line	
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: Spur	
Address:	
City, State, Zip	
Phone:	
Email:	
Pima Project # 6-68	

Lab Use Only

Lab WO#	Job Number
E207140	21068-0001

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
10:00	7/19/22	S		NSW	1									X				
10:05	"	"		ESW	2									"				
10:10	"	"		WSW	3									"				
10:15	"	"		SSW	4									"				
10:20	"	"		S.I 4'	5									"				
10:25	"	"		S.I 6'	6									"				

Additional Instructions:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Sandra Sanders	7/20/22	2:45		7/20/22	2:45
	7/20/22	4:15		7/21/22	10:10

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

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 7/22/2022 12:43:12PM

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:	07/21/22 10:10	Work Order ID:	E207140
Phone:	(575) 631-6977	Date Logged In:	07/21/22 11:23	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	07/27/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration 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 130979

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 130979
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	8/8/2022