Received by OCD: 8/3/2022 8:44:17 AM State of New Mexico
Page 4 Oil Conservation Division

Jocelyn Harimon

Received by:

Page 1 of 205

Incident ID	NAPP2212936670
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

Date: 7/31/2022

email: __chensley@spurenergy.com

Telephone: 314-290-8614

Date: 08/03/2022

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Page 2 of 205

Incident ID	NAPP2212936670
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.

Note that Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
■ Laboratory analyses of final sampling (Note: appropriate ODG)	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name: Chad Hensley	Title: HSE Coordinator
Signature:	Date: <u>8/3/2022</u>
email: <u>chensley@spurenergy.com</u>	Telephone: (346) 339-1494
OCD Only Jocelyn Harimon	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	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. <u>NAPP2212936670</u>

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 NAPP2212936670 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	Constituent & Limits									
(Appendix A)	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

<u>NAPP2212936670:</u> On May 7, 2022, high line pressure caused the underground flowline to rupture which caused the fluid release. The released fluids were calculated to be approximately 542 barrels (bbls) of produced water. Vacuum trucks were dispatched to recover standing fluid, approximately 460 bbls of produced water was able to be recovered.

Site Assessment and Soil Sampling Results

On May 7, 2022, Pima mobilized personnel to the site to assess the area. We sampled the impacted areas at various depths. A Site Map can be found in Figure 4.

On May 17, 2022, Pima personnel returned to the site to complete the delineation process. The results of both sampling events can be found in the combined data table below.

NMOC	D Table 1	Closure C	riteria 19.1	5.29 NM	AC (Depth	to Groun	dwater is 12	4')
		Sp	ur Energy -	Maljama	ar Flowline			
Dates: 5/7/22 8	\$ 5/17/22		N	M Appro	ved Labo	ratory Re	sults	
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
	6"	83.7	29.7	1280	29400	9760	40440	10600
S-1	41	49.9	13.1	808	10100	ND	14338	9330
	8'	ND	ND	ND	ND	ND	0	81
	6"	3.09	0.353	56.2	98.2	ND	154.4	3330
6.3	41	ND	ND	ND	48.1	ND	0	11100
S-2	6'	ND	ND	ND	351	183	534	274
	8'	ND	ND	ND	ND	ND	0	ND
S-3	6"	ND	ND	ND	ND	ND	0	5070
	4'	ND	ND	ND	ND	ND	0	7420
	6'	ND	ND	ND	ND	ND	0	420
	6"	ND	ND	ND	63.1	ND	63.1	7600
S-4	41	ND	ND	ND	63.1	ND	0	12100
5-4	6'	ND	ND	ND	8520	5320	13840	ND
	8'	ND	ND	ND	ND	ND	0	ND
BG-1	1'	ND	0.06	ND	ND	ND	0	ND
BG-2	11	ND	0.032	ND	ND	ND	0	ND
SW-1	41	ND	ND	ND	ND	ND	0	275
SW-2	2'	ND	ND	ND	ND	ND	0	275
SW-3	2'	ND	ND	ND	ND	ND	0	22.1
SW-4	2'	ND	ND	ND	ND	ND	0	101
SW-5	2'	ND	ND	ND	ND	ND	0	96.3
SW-6	2'	ND	ND	ND	ND	ND	0	23
SW-7	2'	ND	ND	ND	ND	ND	0	153
SW-8	41	ND	ND	ND	ND	ND	0	135

5-7-22 & 5-17-22 Soil Sample Results

ND- Analyte Not Detected

Remediation Activities

On June 12, 2022, Pima mobilized personnel and equipment to conduct remedial activities. We excavated the area to various depths collecting samples to verify all contaminated soil had been removed. The contaminated soil was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On July 18, 2022, after sending a 48-hour notification (Appendix C), Pima began collecting confirmation samples of the excavated areas. Laboratory results of this sampling event can be found in the following data table. A Confirmation Sample Map can be found in Figure 5.

7-18-22 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 124') Spur Energy - Maljamar Flowline									
Date: 7/18/22					oved Labor		ults		
	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl	
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
CSW 1	4'	ND	ND	ND	ND	ND	0	ND	
CSW 2	4'	ND	ND	ND	ND	ND	0	ND	
CSW 3	4'	ND	ND	ND	ND	ND	0	ND	
CSW 4	4'	ND	ND	ND	ND	ND	0	ND	
CSW 5	5'	ND	ND	ND	ND	ND	0	ND	
CSW 6	4'	ND	ND	ND	ND	ND	0	ND	
CSW 7	5'	ND	ND	ND	ND	ND	0	ND	
CSW 8	5'	ND	ND	ND	ND	ND	0	ND	
CSW 9	4'	ND	ND	ND	ND	ND	0	ND	
CSW 10	4'	ND	ND	ND	ND	ND	0	ND	
CSW 11	4'	ND	ND	ND	ND	ND	0	ND	
CSW 12	4'	ND	ND	ND	ND	ND	0	ND	
CSW 13	4'	ND	ND	ND	ND	ND	0	ND	
CSW 14	4'	ND	ND	ND	ND	ND	0	ND	
CSW 15	4'	ND	ND	ND	ND	ND	0	ND	
CS-1 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-2 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-3 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-4 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-5 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-6 B	4"	ND	ND	ND	ND	ND	0	ND	
CS-7B	4'	ND	ND	ND	ND	ND	0	ND	
CS-8 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-9 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-10 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-11 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-12 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-13 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-14 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-15 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-16 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-17 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-18 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-19 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-20 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-21 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-22 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-23 B	7'	ND	ND	ND	ND	ND	0	ND	
CS-24 B	7'	ND	ND	ND	ND	ND	0	ND	
CS-25 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-26 B	7'	ND	ND	ND	ND	ND	0	ND	
CS-27 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-28 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-29 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-30 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-31 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-32 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-33 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-34 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-35 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-36 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-37 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-38 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-39 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-40 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-41 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-42 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-43 B	4'	ND	ND	ND	ND	ND	0	ND	
CS-44 B	4	ND	ND	ND	ND	ND	0	ND	

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the 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, NAPP2212936670 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
- 5- Confirmation Sample Map

Appendices:

Appendix A – Referenced Water Surveys

Appendix B – Soil Survey and Geological Data

Appendix C – C-141 Form and 48-Hour Notification

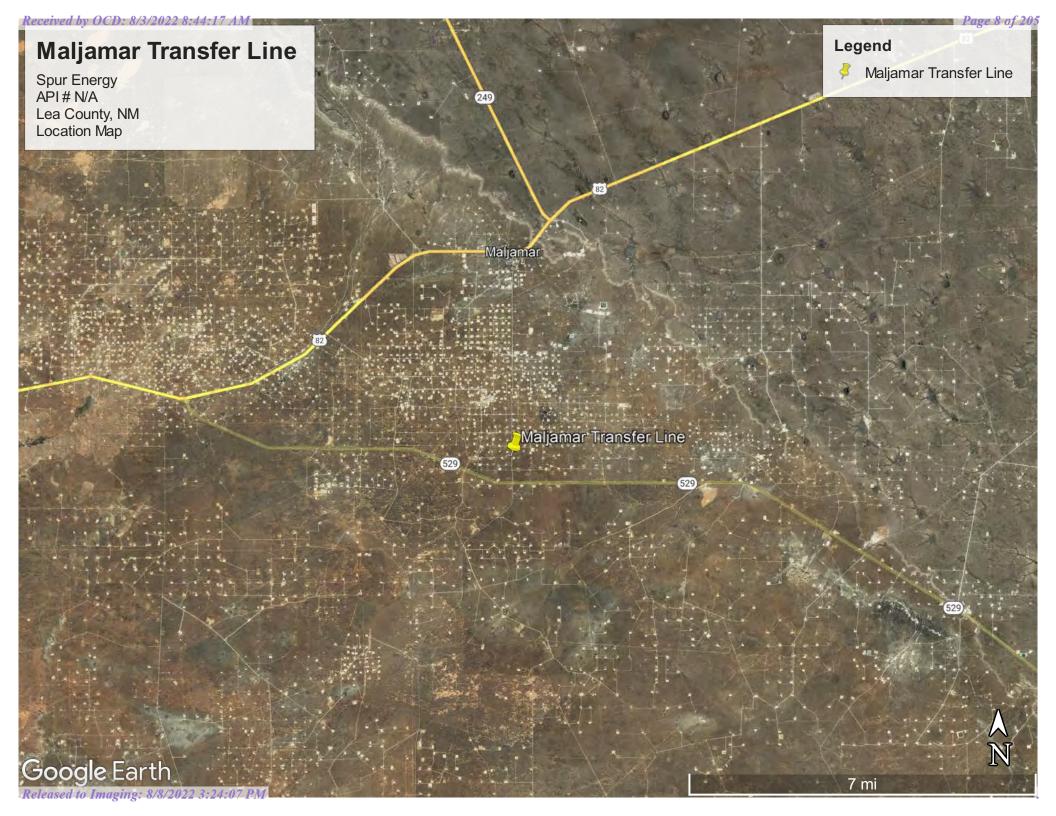
Appendix D - Photographic Documentation

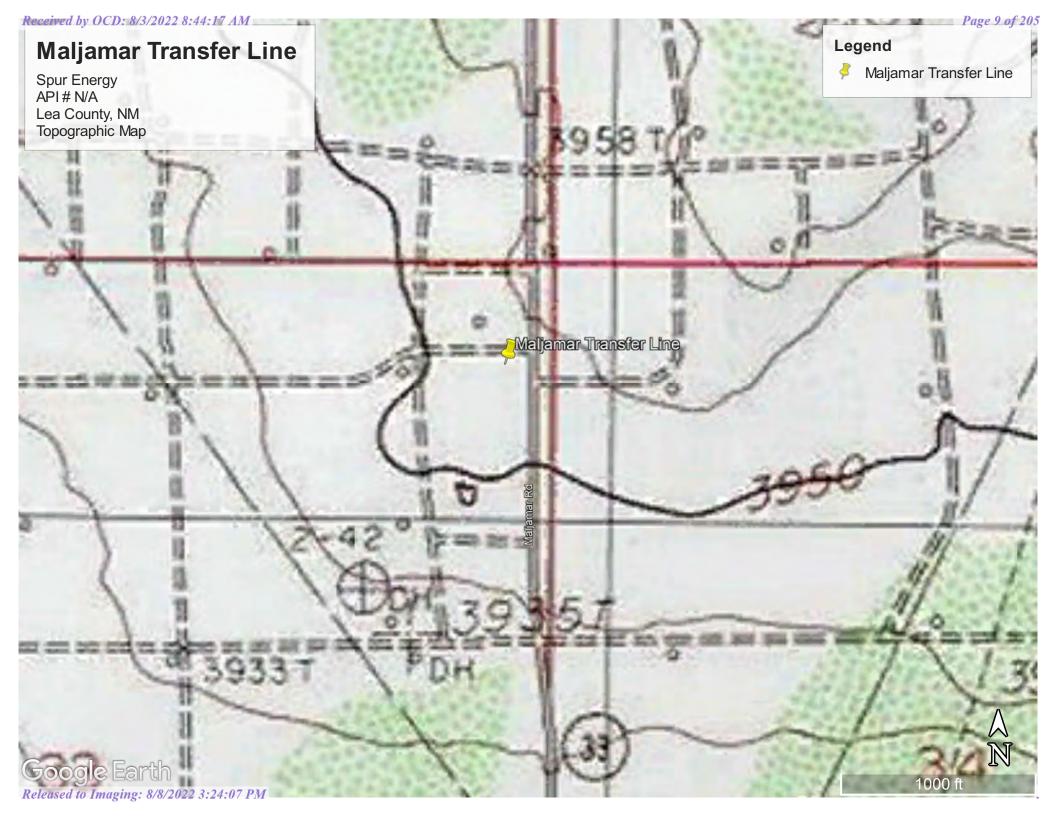
Appendix E – Laboratory Reports

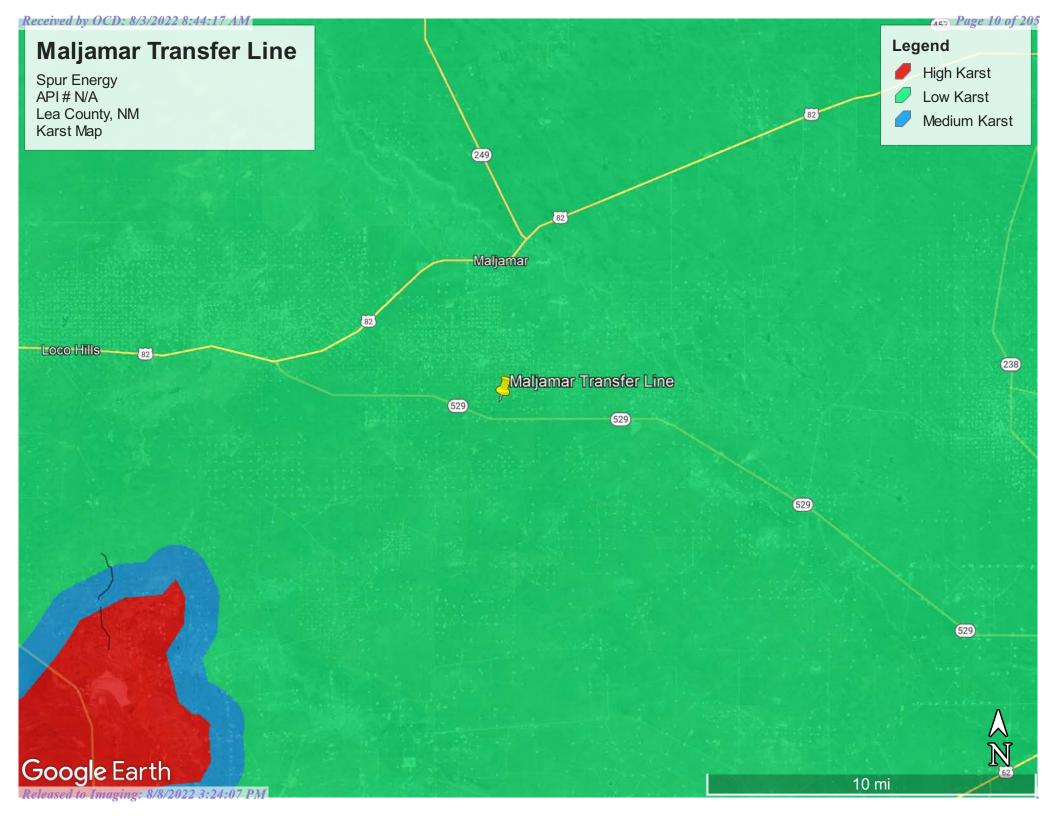


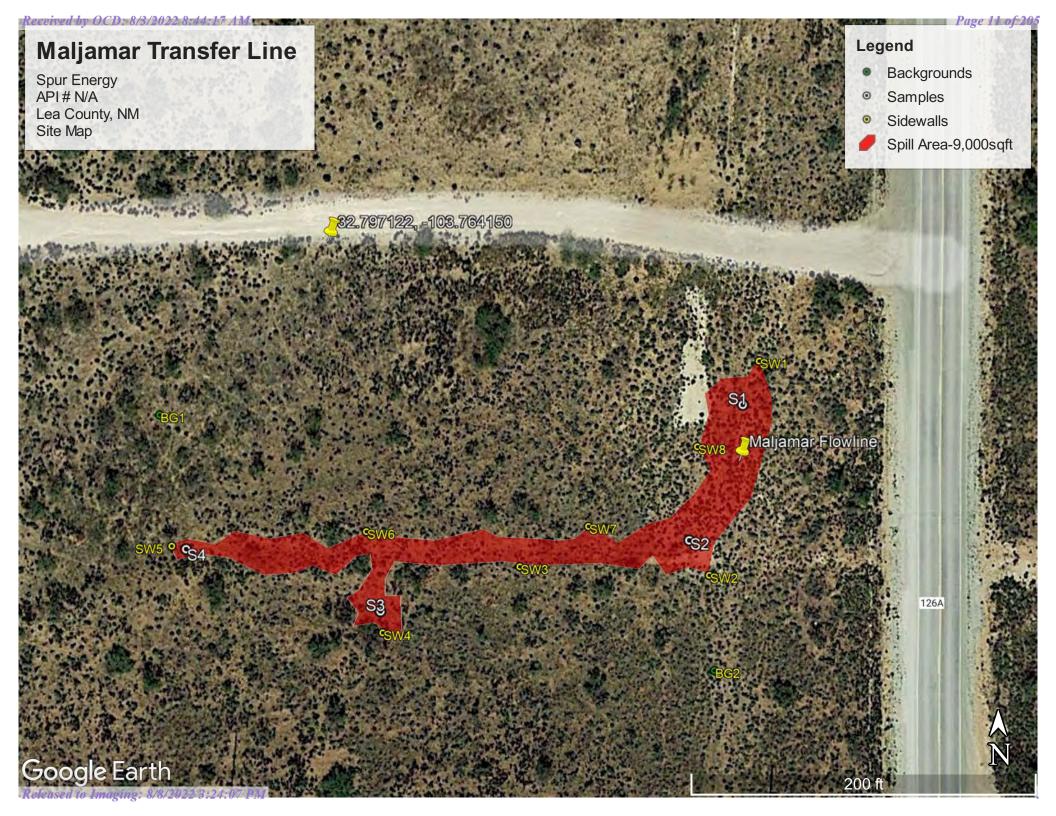
Figures:

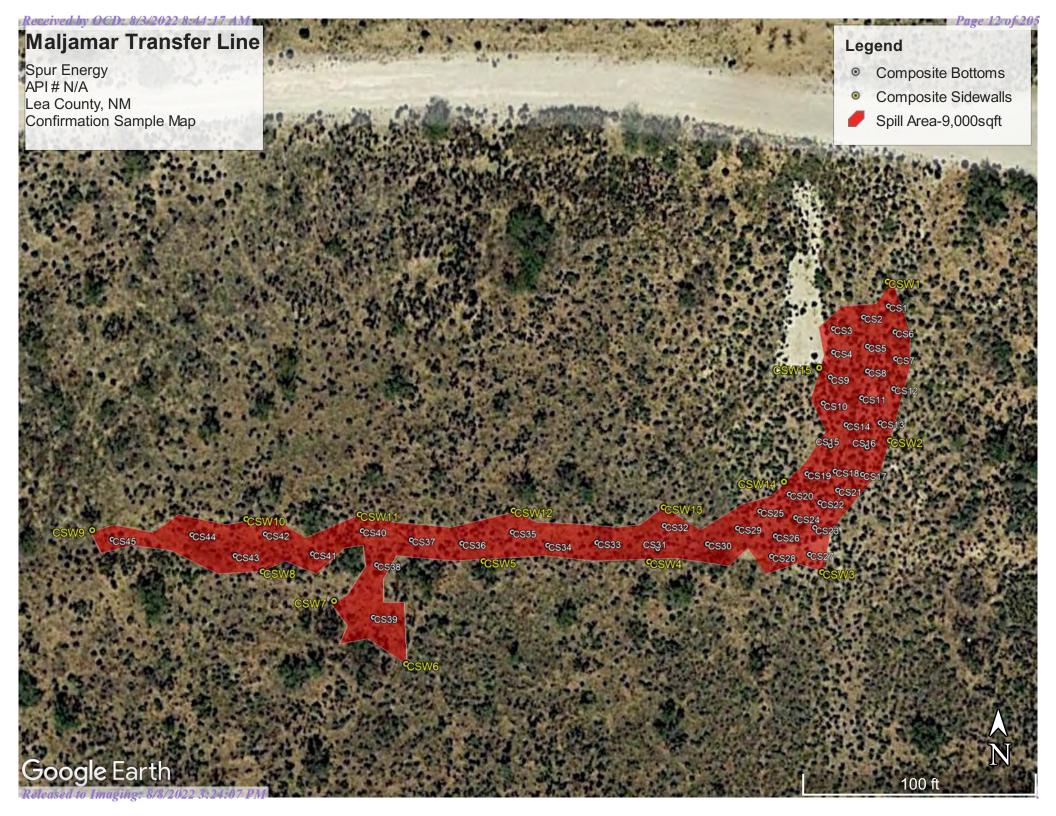
- 1 Location Map
- 2 Topographic Map
 - 3 Karst Map
 - 4 Site Map
- 5 Confirmation Sample Map













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)

DOD

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

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

(In feet)

		POD													
DOD N. I	6 1	Sub-		_	Q	_		an.	ъ	3 7	*7	D: . D	41 337 1175		ater
POD Number	Code		County						_	X	Y	DistanceDep	-	oth Water Co	lumn
<u>RA 12721 POD6</u>		RA	LE	1	2	2	33	17S	32E	615530	3629431	190	130		
<u>RA 12721 POD5</u>		RA	LE	2	4	4	28	17S	32E	615650	3629961	494	130	124	6
<u>RA 12721 POD3</u>		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		
<u>RA 12721 POD8</u>		RA	LE	1	2	1	33	17S	32E	614640	3629463	1075	130	108	22
<u>RA 12721 POD2</u>		RA	LE	1	1	4	28	17S	32E	615055	3630407	1145	124	75	49
<u>RA 12721 POD1</u>		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
<u>RA 10175</u>		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		
<u>CP 00566 POD1</u>		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

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

5/19/22 9:55 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

^{*}UTM location was derived from PLSS - see Help



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

NA RA 12721 POD5 28 17S 32E 615650 3629961

Driller License:

1456 **Driller Company:** WHITE DRILLING COMPANY

Driller Name:

WHITE, JOHNNOWN.GENER

Source:

Drill Start Date:

04/27/2020 05/18/2020

2.00

Drill Finish Date:

04/28/2020 **Plug Date:**

Shallow

Log File Date:

PCW Rcv Date:

Depth Well:

Estimated Yield:

Pump Type: Casing Size: Pipe Discharge Size:

130 feet

Depth Water:

124 feet

Water Bearing Stratifications:

Top Bottom Description

109 Sandstone/Gravel/Conglomerate 121 Sandstone/Gravel/Conglomerate

125 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top **Bottom**

> 90 130

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

5/19/22 9:56 AM

POINT OF DIVERSION SUMMARY



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

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

GO

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

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

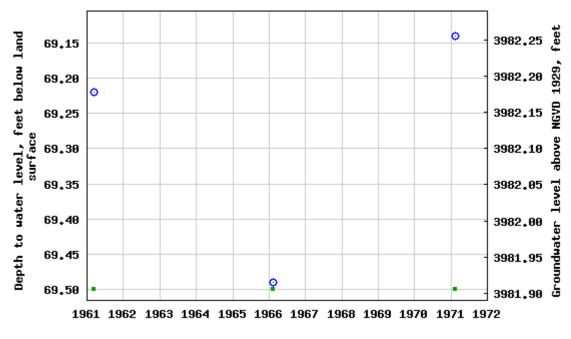
Available data for this site Groundwater: Field measurements

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	

USGS 324829103420201 175,33E,30,12432



- Period of approved data

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
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Data Tips
Explanation of terms
Subscribe for system changes
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U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

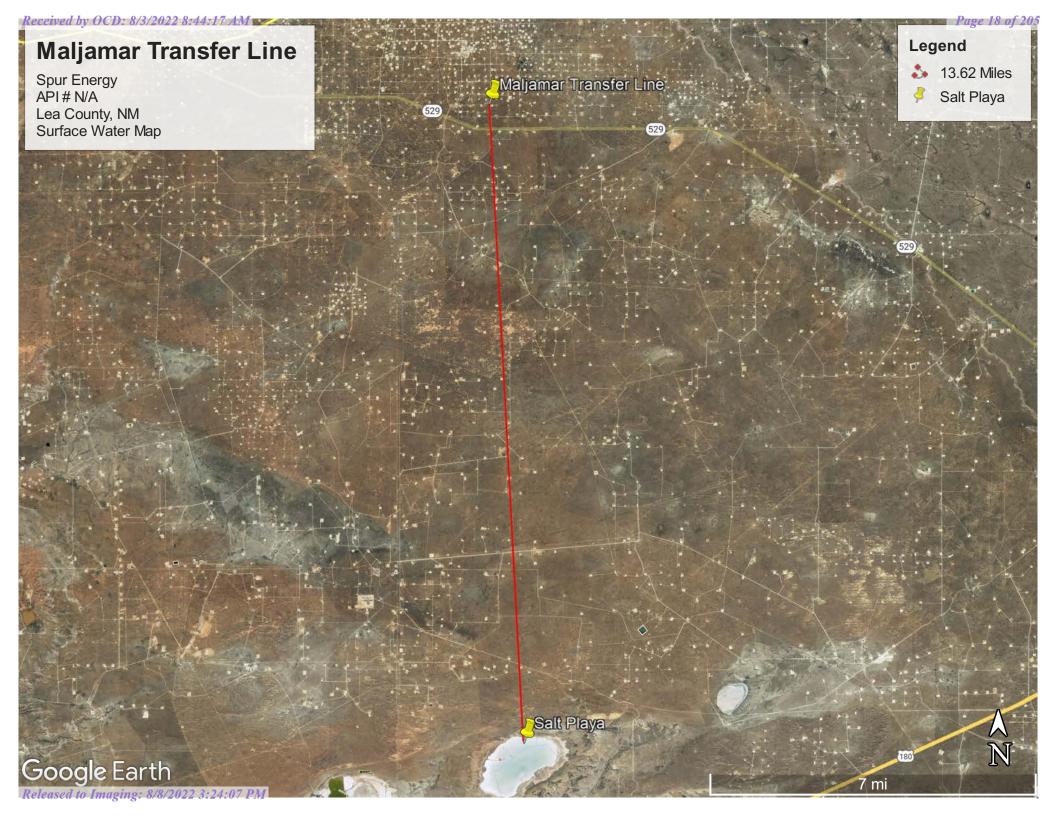
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2022-07-19 13:46:32 EDT

0.55 0.47 nadww02







Appendix B

Soil Survey & Geological Data FEMA Flood Map Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County, New Mexico

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

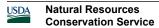
mmhos/cm)

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



Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County, New Mexico

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

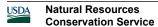
Ecological site: R042XC022NM - Sandhills

Hydric soil rating: No

Wink

Percent of map unit: 5 percent

Ecological site: R042XC003NM - Loamy Sand



Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County, New Mexico

Hydric soil rating: No

Data Source Information

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

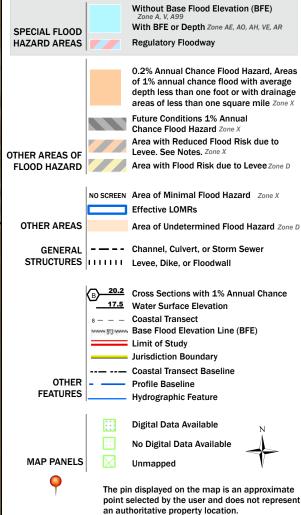
Received by OCD: 8/3/2022 8:44:17 AM National Flood Hazard Layer FIRMette



Legend

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

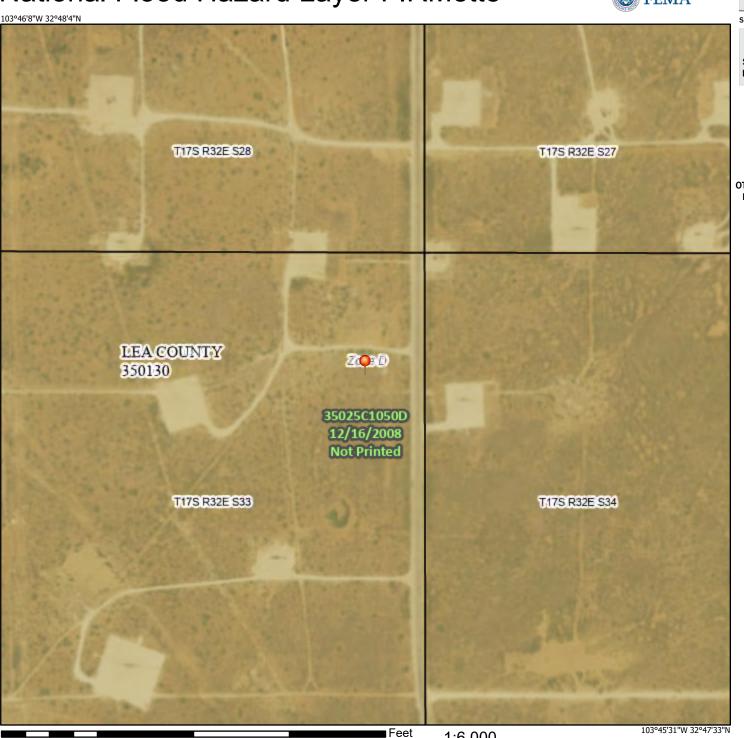
Page 23 of 205



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.





Appendix C

C-141 Form

48-Hour Notification

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	NAPP2212936670
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party Spu	r Energy Partners	s, LLC	OGRID	328947				
Contact Nam	ne Chad H	Hensley			Contact Telephone (346) 339-1494				
Contact ema	^{il} chensle	y@spurenergy.	com	Incident #	Incident # (assigned by OCD) NAPP2212936670				
Contact mail	ing address	9655 Katy Free	eway, Suite 500						
			Location	of Release S	Source				
Latitude 32	2.7969343		(NAD 83 in dec	Longitude	-103.763427 imal places)				
Site Name	Maliamar T	ransfer Line		Site Type	N/A				
Date Release				API# (if ap	·				
Unit Letter	Section	Township	Range	Cou	inty				
А	33	17S	32E	Lea					
Surface Owne	r: State	▼ Federal □ Tr	ribal Private (1	Name:)				
			Nature and	l Volume of	Release				
	Materia	l(s) Released (Select al	l that annly and attach	calculations or specifi	ic justification for the volumes provided below)				
Crude Oi		Volume Release		calculations of specifi	Volume Recovered (bbls)				
Produced	Water	Volume Release	d (bbls) 542		Volume Recovered (bbls) 460				
		Is the concentrat	ion of dissolved c	hloride in the	☐ Yes ☒ No				
Condensa	ite	Volume Release	d (bbls)		Volume Recovered (bbls)				
Natural G	ias	Volume Release	d (Mcf)		Volume Recovered (Mcf)				
Other (de	scribe)	Volume/Weight	Released (provide	e units)	Volume/Weight Recovered (provide units)				
Cause of Rel	ease	1							
High Line Pressure									

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Incident ID	NAPP2212936670
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? Release was greater than 25 bbls 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 immediate	y 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 I	Hensley	Title: EHS Coordinator		
Signature:	Heno	Date:07/20/2022_		
email: chensley@spu		Telephone: (346) 339-1494		
OCD Only				
Received by:		Date:		

lew Mexico Page 27 of 205

Incident ID NAPP2212936670

Incident ID	NAPP2212936670
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				

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.

Boring or excavation logs

Photographs including date and GIS informationTopographic/Aerial maps

X Laboratory data including chain of custody

Received by OCD: 8/3/2022 8:44:17 AM Form C-141 State of New Mexico Oil Conservation Division Page 4

Received by:

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Incident ID	NAPP2212936670
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: <u>chensley@spurenergy.com</u> Telephone: 314-290-8614 **OCD Only**

Date:

te of New Mexico

Incident ID	NAPP2212936670
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 must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office			
■ Laboratory analyses of final sampling (Note: appropriate OD)	C District office must be notified 2 days prior to final sampling)			
Description of remediation activities				
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.			
Signature:				
email: <u>chensley@spurenergy.com</u>	Telephone: <u>314-290-8614</u>			
OCD Only				
Received by:	Date:			
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.			
Closure Approved by:	Date:			
Printed Name:	Title:			

From: <u>Tom Bynum</u>

To: "OCDOnline@state.nm.us"; "ocdonline, emnrd, EMNRD"

Cc: "gio@pimaoil.com"

 Subject:
 48-Hour Notification - NAPP2212936670

 Date:
 Wednesday, July 13, 2022 7:25:00 AM

Good Morning,

Pima Environmental would like to notify you that we will be collecting confirmation samples at the Maljamar Transfer Line for incident ID NAPP2212936670 . Pima personnel are scheduled to be on site for this sampling event at approximately 7:00 a.m. on Friday July 15, 2022. If you have any questions or concerns, please let me know. Thank you.

THANK YOU,

*Tom Bynum*Project Manager
Cell – 580-748-1613
Office – 575-964-7740



Pima Environmental Services, LLC.



Appendix D

Photographic Documentation

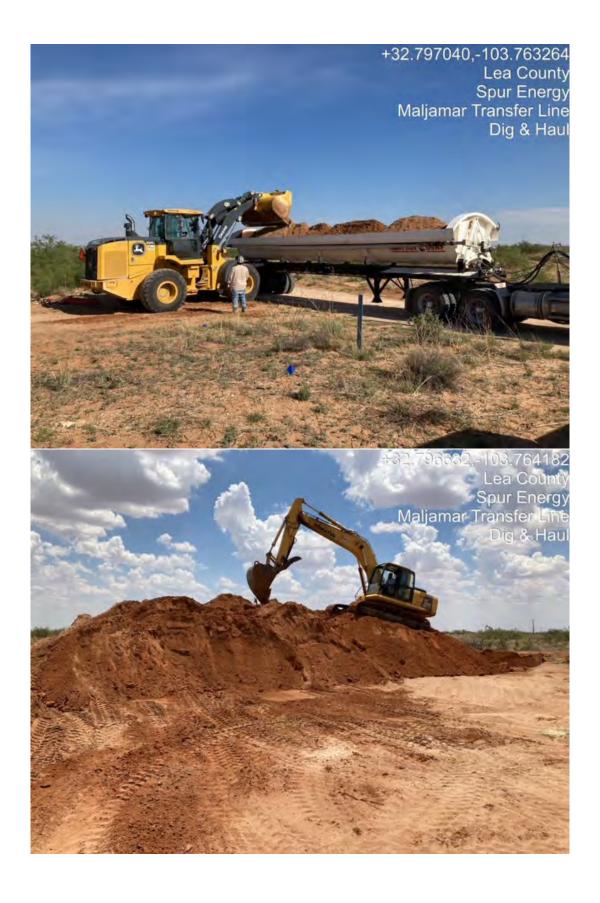


























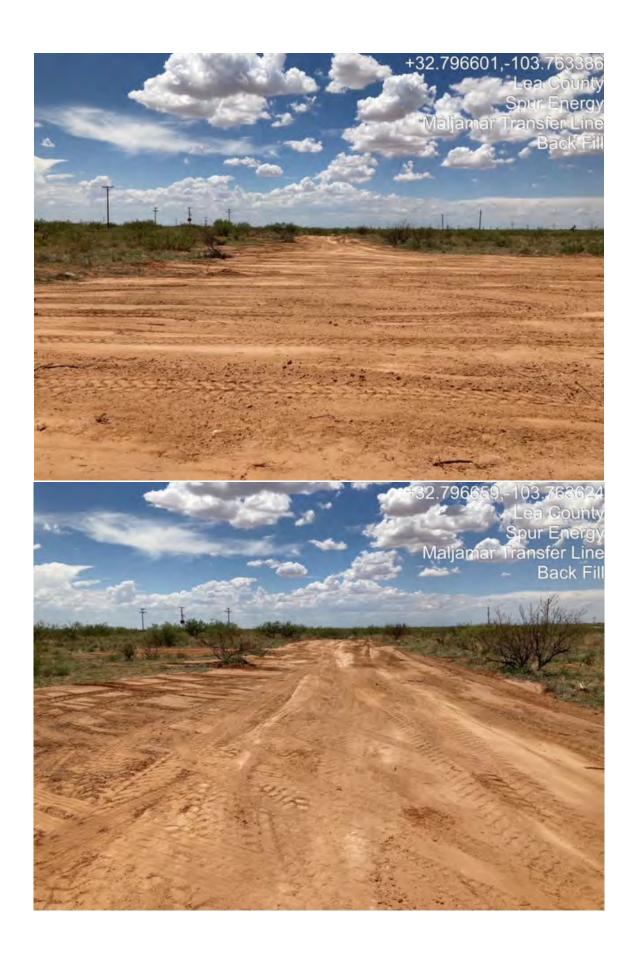


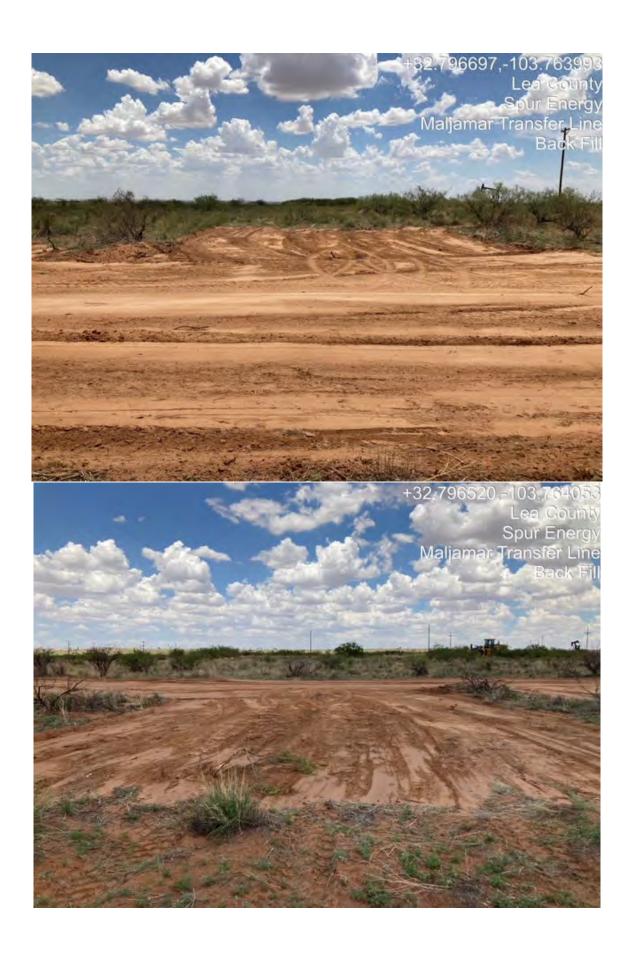




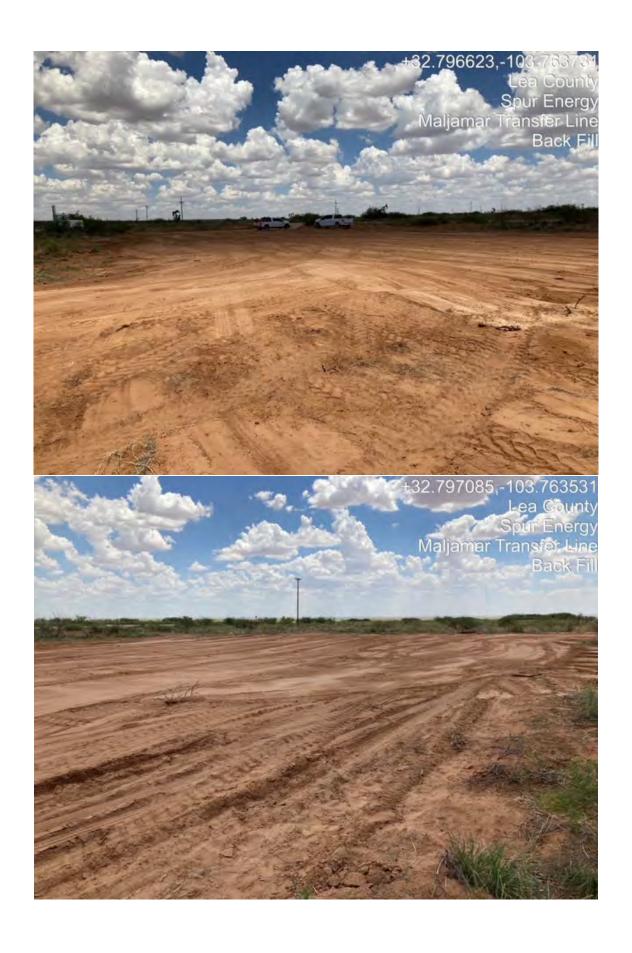














Appendix E

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

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	Reported:
PO Box 247	Project Number:	21068-0001	Reported:
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.



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

	L203045 01				
Dogult	Reporting	Dilution	Branarad	Analyzad	Notes
Result	Limit	Dilution	Frepared	Anaryzeu	Notes
mg/kg	mg/kg	Analys	t: IY		Batch: 2220031
29.7	0.250	10	05/11/22	05/13/22	
80.0	0.250	10	05/11/22	05/13/22	
82.7	0.500	20	05/11/22	05/16/22	
28.2	0.250	10	05/11/22	05/13/22	
55.5	0.500	10	05/11/22	05/13/22	
83.7	0.250	10	05/11/22	05/13/22	
	103 %	70-130	05/11/22	05/13/22	
	101 %	70-130	05/11/22	05/13/22	
	104 %	70-130	05/11/22	05/13/22	
mg/kg	mg/kg	mg/kg Analyst: IY			Batch: 2220031
1280	200	10	05/11/22	05/13/22	
	103 %	70-130	05/11/22	05/13/22	
	101 %	70-130	05/11/22	05/13/22	
	104 %	70-130	05/11/22	05/13/22	
mg/kg	mg/kg	Analys	t: AK		Batch: 2220037
	2500	100	05/12/22	05/13/22	
29400	2500	100	03/12/22	03/13/22	
29400 9760	5000	100	05/12/22	05/13/22	
					S6
	5000	100	05/12/22 05/12/22	05/13/22	S6 Batch: 2220043
	29.7 80.0 82.7 28.2 55.5 83.7 mg/kg	Result Reporting mg/kg mg/kg 29.7 0.250 80.0 0.250 82.7 0.500 28.2 0.250 55.5 0.500 83.7 0.250 103 % 101 % 104 % mg/kg mg/kg 200 103 % 101 % 104 % 104 % mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analys 29.7 0.250 10 80.0 0.250 10 82.7 0.500 20 28.2 0.250 10 55.5 0.500 10 83.7 0.250 10 101 % 70-130 104 % 70-130 mg/kg mg/kg Analys 1280 200 10 103 % 70-130 101 % 70-130 104 % 70-130 mg/kg mg/kg Analys	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY 29.7 0.250 10 05/11/22 80.0 0.250 10 05/11/22 82.7 0.500 20 05/11/22 28.2 0.250 10 05/11/22 55.5 0.500 10 05/11/22 83.7 0.250 10 05/11/22 103 % 70-130 05/11/22 104 % 70-130 05/11/22 mg/kg mg/kg Analyst: IY 1280 200 10 05/11/22 103 % 70-130 05/11/22 101 % 70-130 05/11/22 104 % 70-130 05/11/22 104 % 70-130 05/11/22 104 % 70-130 05/11/22 104 % 70-130 05/11/22	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY 29.7 0.250 10 05/11/22 05/13/22 80.0 0.250 10 05/11/22 05/13/22 82.7 0.500 20 05/11/22 05/13/22 28.2 0.250 10 05/11/22 05/13/22 55.5 0.500 10 05/11/22 05/13/22 83.7 0.250 10 05/11/22 05/13/22 103 % 70-130 05/11/22 05/13/22 101 % 70-130 05/11/22 05/13/22 mg/kg mg/kg Analyst: IY 1280 200 10 05/11/22 05/13/22 103 % 70-130 05/11/22 05/13/22 101 % 70-130 05/11/22 05/13/22 104 % 70-130 05/11/22 05/13/22 104 % 70-130 05/11/22 05/13/22 </td



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

		22000.00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg		<i>D</i> II	Analyst:		7 Hary Zea	Batch: 2220031
Volatile Organic Compounds by EPA 8260B		mg/kg		Anaryst	05/11/22	05/13/22	Batch: 2220031
Benzene	ND	0.0250		1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250		1			
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		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	

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

		E203043-03					
		Reporting					
Analyte	Result	Limit	Dilut	tion F	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2220031
Benzene	0.353	0.0250	1	C)5/11/22	05/13/22	
Ethylbenzene	2.60	0.0250	1	C)5/11/22	05/13/22	
Toluene	2.51	0.0250	1	C)5/11/22	05/13/22	
o-Xylene	1.11	0.0250	1	C	05/11/22	05/13/22	
p,m-Xylene	1.98	0.0500	1	C	05/11/22	05/13/22	
Total Xylenes	3.09	0.0250	1	C	05/11/22	05/13/22	
Surrogate: Bromofluorobenzene		103 %	70-130	C	05/11/22	05/13/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	0	05/11/22	05/13/22	
Surrogate: Toluene-d8		105 %	70-130	C	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	C)5/11/22	05/13/22	
Surrogate: Bromofluorobenzene		103 %	70-130	C	05/11/22	05/13/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	C	05/11/22	05/13/22	
Surrogate: Toluene-d8		105 %	70-130	C	05/11/22	05/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	C	05/12/22	05/13/22	
Surrogate: n-Nonane		133 %	50-200	0	05/12/22	05/13/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS	S		Batch: 2220043
Chloride	3330	40.0	2		05/12/22	05/13/22	



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

	1200010 01				
Result			n Prepared	Analyzed	Notes
			1	7 mary zea	
mg/kg	mg/kg	Ar	-		Batch: 2220031
ND	0.0250	1	05/11/22	05/13/22	
ND	0.0250	1	05/11/22	05/13/22	
ND	0.0250	1	05/11/22	05/13/22	
ND	0.0250	1	05/11/22	05/13/22	
ND	0.0500	1	05/11/22	05/13/22	
ND	0.0250	1	05/11/22	05/13/22	
	101 %	70-130	05/11/22	05/13/22	
	99.8 %	70-130	05/11/22	05/13/22	
	101 %	70-130	05/11/22	05/13/22	
mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2220031
ND	20.0	1	05/11/22	05/13/22	
	101 %	70-130	05/11/22	05/13/22	
	99.8 %	70-130	05/11/22	05/13/22	
	101 %	70-130	05/11/22	05/13/22	
mg/kg	mg/kg	Ar	nalyst: AK		Batch: 2220037
ND	25.0	1	05/12/22	05/13/22	_
ND	50.0	1	05/12/22	05/13/22	
	120 %	50-200	05/12/22	05/13/22	
	/1	Λ.	nalvet PAS		Batch: 2220043
mg/kg	mg/kg	Al	iaiyst. KAS		Datell. 2220043
	ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IDI % 99.8 % 101 % 101 % mg/kg mg/kg ND 20.0 101 % 101 % mg/kg mg/kg ND 25.0 ND 50.0 120 %	mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 99.8% 99.8% 70-130 101% 70-130 99.8% 70-130 99.8% 70-130 101% 70-130 mg/kg mg/kg Ar ND 25.0 1 ND 50.0 1 120% 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 05/11/22 ND 0.0250 1 05/11/22 ND 0.0250 1 05/11/22 ND 0.0500 1 05/11/22 ND 0.0250 1 05/11/22 ND 0.0250 1 05/11/22 ND 70-130 05/11/22 99.8 % 70-130 05/11/22 101 % 70-130 05/11/22 mg/kg mg/kg Analyst: IY ND 20.0 1 05/11/22 101 % 70-130 05/11/22 101 % 70-130 05/11/22 101 % 70-130 05/11/22 101 % 70-130 05/11/22 101 % 70-130 05/11/22 ND 25.0 1 05/12/22 ND 50.0 1 05/12/22 ND <	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY Analyst: IY ND 0.0250 1 05/11/22 05/13/22 ND 0.0250 1 05/11/22 05/13/22 ND 0.0250 1 05/11/22 05/13/22 ND 0.0500 1 05/11/22 05/13/22 ND 0.0250 1 05/11/22 05/13/22 ND 0.0250 1 05/11/22 05/13/22 ND 0.0250 1 05/11/22 05/13/22 ND 70-130 05/11/22 05/13/22 99.8 % 70-130 05/11/22 05/13/22 mg/kg mg/kg Analyst: IY 05/11/22 05/13/22 101 % 70-130 05/11/22 05/13/22 101 % 70-130 05/11/22 05/13/22 101 % 70-130 05/11/22 05/13/22 101 % 70-130 05/11/22 05/13/22

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

		E205045-05					
	D 1	Reporting		.•	D 1		N .
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2220031
Benzene	ND	0.0250	1	1	05/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	1	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	1	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	1	05/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	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	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	2	05/12/22	05/13/22	
Oil Range Organics (C28-C36)	183	100	2	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	2	05/12/22	05/13/22	



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

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: RAS		Batch: 2220043
Chloride	420	20.0	1	05/12/22	05/13/22	

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 0 - 6" E205043-07

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
Kesuit	Limit	Dilution	riepared	Anaryzed	inotes
mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2220031
ND	0.0250	1	05/11/22	05/13/22	
ND	0.0250	1	05/11/22	05/13/22	
ND	0.0250	1	05/11/22	05/13/22	
ND	0.0250	1	05/11/22	05/13/22	
ND	0.0500	1	05/11/22	05/13/22	
ND	0.0250	1	05/11/22	05/13/22	
	102 %	70-130	05/11/22	05/13/22	
	98.0 %	70-130	05/11/22	05/13/22	
	101 %	70-130	05/11/22	05/13/22	
mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2220031
ND	20.0	1	05/11/22	05/13/22	
	102 %	70-130	05/11/22	05/13/22	
	98.0 %	70-130	05/11/22	05/13/22	
	101 %	70-130	05/11/22	05/13/22	
mg/kg	mg/kg	Ana	ılyst: AK		Batch: 2220037
63.1	25.0	1	05/12/22	05/13/22	
ND	50.0	1	05/12/22	05/13/22	
	109 %	50-200	05/12/22	05/13/22	
mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2220043
7600	200	10	05/12/22	05/13/22	
	ND Mg/kg ND	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 102 % 98.0 % 101 % mg/kg mg/kg ND 20.0 102 % 98.0 % 101 % mg/kg mg/kg ND 25.0 109 % mg/kg mg/kg	ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 98.0 70-130 101 % 70-130 mg/kg mg/kg Ana 102 % 70-130 102 % 70-130 101 % 70-130 % 70-1	ND 0.0250 1 05/11/22 ND 0.0500 1 05/11/22 ND 0.0250 1 05/11/22 ND 0.0250 1 05/11/22 ND 0.0250 1 05/11/22 102 % 70-130 05/11/22 98.0 % 70-130 05/11/22 101 % 70-130 05/11/22 mg/kg mg/kg Analyst: IY ND 20.0 1 05/11/22 102 % 70-130 05/11/22 102 % 70-130 05/11/22 mg/kg mg/kg Analyst: AN 63.1 25.0 1 05/12/22 ND 50.0 1 05/12/22 mg/kg mg/kg Analyst: AK	ND 0.0250 1 05/11/22 05/13/22 ND 0.0500 1 05/11/22 05/13/22 ND 0.0250 1 05/11/22 05/13/22 ### 102 % 70-130 05/11/22 05/13/22 ### 101 % 70-130 05/11/22 05/13/22 ### 101 % 70-130 05/11/22 05/13/22 ### 102 % 70-130 05/11/22 05/13/22 ### 102 % 70-130 05/11/22 05/13/22 ### 102 % 70-130 05/11/22 05/13/22 ### 102 % 70-130 05/11/22 05/13/22 ### 102 % 70-130 05/11/22 05/13/22 ### 102 % 70-130 05/11/22 05/13/22 ### 101 % 70-130 05/11/22 05/13/22 ### 101 % 70-130 05/11/22 05/13/22 ### 101 % 70-130 05/11/22 05/13/22 ### 101 % 70-130 05/11/22 05/13/22 #### 101 % 70-130 05/11/22 05/13/22 #### 101 % 70-130 05/11/22 05/13/22 ### 101 % 70-130 05/11/22 05/13/22 #### 101 % 70-130 05/11/22 05/13/22 ###################################



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

		2200010 00				
Aughte	Result	Reporting Limit	Dilution	Duamana J	Analyzed	Notes
Analyte	Result	Limit	Dilution	Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: RAS		Batch: 2220043
Chloride	ND	20.0	1	05/12/22	05/13/22	



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

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	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	А	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	Α	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	А	Analyst: RAS		Batch: 2220043
Chloride	ND	20.0	1	05/12/22	05/13/22	

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		lution	Prepared	Analyzed	Notes
			Di			7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			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	

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

		Reporting					
Analyte	Result	Limit	Dilu	ition	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	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	l	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	l	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	l	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	l	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	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	
		7		Analyst:	DAG		Batch: 2220043
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Anaryst.	KAS		Batch. 2220043



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

		Reporting					
Analyte	Result	Limit	Di	lution	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	

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

		Reporting					
Analyte	Result	Limit	Dilut	ion Prepa	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	1/22	05/13/22	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	05/11	1/22	05/13/22	
Surrogate: Toluene-d8		101 %	70-130	05/11	1/22	05/13/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	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	1/22	05/13/22	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	05/11	1/22	05/13/22	
Surrogate: Toluene-d8		101 %	70-130	05/11	1/22	05/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: AK			Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12	2/22	05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12	2/22	05/14/22	
Surrogate: n-Nonane		113 %	50-200	05/12	2/22	05/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS			Batch: 2220043
						05/13/22	



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

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	1	05/11/22	05/13/22	
Toluene	ND	0.0250	1	l	05/11/22	05/13/22	
o-Xylene	ND	0.0250	1	l	05/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	l	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	l	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	1	05/12/22	05/14/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	l	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



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

		Reporting					
Analyte	Result	Limit	Dilut	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	()5/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	()5/11/22	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	P	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	C	05/11/22	05/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	A	Analyst: RAS	S		Batch: 2220043
						05/13/22	



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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		Reporting				
Analyte	Result	Limit	Dilut	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	mg/kg Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	05/11/2	22 05/13/22	
Ethylbenzene	ND	0.0250	1	05/11/2	22 05/13/22	
Toluene	ND	0.0250	1	05/11/2	22 05/13/22	
o-Xylene	ND	0.0250	1	05/11/2	22 05/13/22	
p,m-Xylene	ND	0.0500	1	05/11/2	22 05/13/22	
Total Xylenes	ND	0.0250	1	05/11/2	22 05/13/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	05/11/2	22 05/13/22	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/11/2	22 05/13/22	
Surrogate: Toluene-d8		98.3 %	70-130	05/11/2	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	05/11/2	22 05/13/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	05/11/2	22 05/13/22	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/11/2	22 05/13/22	
Surrogate: Toluene-d8		98.3 %	70-130	05/11/2	22 05/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	A	Analyst: AK		Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/2	22 05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/2	22 05/14/22	
Surrogate: n-Nonane		108 %	50-200	05/12/2	22 05/14/22	
Anions by EPA 300.0/9056A	mg/kg	kg mg/kg		Analyst: RAS		Batch: 2220043
Amons by ETA 500.0/3030A						



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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		Reporting					
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2220031
Benzene	ND	0.0250	1	0	5/11/22	05/13/22	
Ethylbenzene	ND	0.0250	1	0	5/11/22	05/13/22	
Toluene	ND	0.0250	1	0	5/11/22	05/13/22	
o-Xylene	ND	0.0250	1	0	5/11/22	05/13/22	
p,m-Xylene	ND	0.0500	1	0	5/11/22	05/13/22	
Total Xylenes	ND	0.0250	1	0	5/11/22	05/13/22	
Surrogate: Bromofluorobenzene	·	96.5 %	70-130	0	5/11/22	05/13/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	0	5/11/22	05/13/22	
Surrogate: Toluene-d8		99.4 %	70-130	0	5/11/22	05/13/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2220031
Gasoline Range Organics (C6-C10)	ND	20.0	1	0	5/11/22	05/13/22	
Surrogate: Bromofluorobenzene		96.5 %	70-130	0	5/11/22	05/13/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	0	5/11/22	05/13/22	
Surrogate: Toluene-d8		99.4 %	70-130	0	5/11/22	05/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Analyst: AK				Batch: 2220037
Diesel Range Organics (C10-C28)	ND	25.0	1	0.	5/12/22	05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	0.	5/12/22	05/14/22	
Surrogate: n-Nonane		117 %	50-200	0.	5/12/22	05/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS			Batch: 2220043



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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E205043-18

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	l	05/11/22	05/14/22	
Toluene	ND	0.0250	1	l	05/11/22	05/14/22	
o-Xylene	ND	0.0250	1	l	05/11/22	05/14/22	
p,m-Xylene	ND	0.0500	1	l	05/11/22	05/14/22	
Total Xylenes	ND	0.0250	1	l 	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	l	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	1	05/12/22	05/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	l	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: RA	S		Batch: 2220043
Chloride	135	20.0	1	1	05/12/22	05/13/22	



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



0.500

103

70-130

0.517

Surrogate: Toluene-d8

 ${\it Surrogate: Bromofluor obenzene}$

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

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

Plains TX, 79355-0247		Project Manage	r: To	om Bynum				5/1	6/2022 4:26:01PM
	Non	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2220031-BLK1)							Prepared: 0	5/11/22 Anal	yzed: 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: 0	5/11/22 Anal	yzed: 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: 0	5/11/22 Anal	yzed: 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: 0	5/11/22 Anal	yzed: 05/13/22
Gasoline Range Organics (C6-C10)	55.7	20.0	50.0	ND	111	70-130	6.77	20	

0.500

0.500

0.500

0.489

0.502

0.508

97.7

100

102

70-130

70-130

70-130



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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/16/2022 4:26:01PN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2220037-BLK1)							Prepared: 0	5/11/22 A	nalyzed: 05/13/22
biesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.7		50.0		101	50-200			
CS (2220037-BS1)							Prepared: 0	5/11/22 A	nalyzed: 05/13/22
riesel Range Organics (C10-C28)	434	25.0	500		86.9	38-132			
urrogate: n-Nonane	56.0		50.0		112	50-200			
Matrix Spike (2220037-MS1)				Source:	E205043-	04	Prepared: 0	5/11/22 A	nalyzed: 05/13/22
riesel Range Organics (C10-C28)	469	25.0	500	ND	93.8	38-132			
urrogate: n-Nonane	59.5		50.0		119	50-200			
Matrix Spike Dup (2220037-MSD1)				Source:	E205043-	04	Prepared: 0	5/11/22 A	nalyzed: 05/13/22
tiesel Range Organics (C10-C28)	468	25.0	500	ND	93.7	38-132	0.115	20	
urrogate: n-Nonane	58.7		50.0		117	50-200			



Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	2	1aljamar Flow 1068-0001 om Bynum	line				Reported: 5/16/2022 4:26:01PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2220043-BLK1)							Prepared: 0	5/12/22 A	nalyzed: 05/13/22
Chloride	ND	20.0							
LCS (2220043-BS1)							Prepared: 0	5/12/22 A	analyzed: 05/13/22
Chloride	248	20.0	250		99.3	90-110			
Matrix Spike (2220043-MS1)				Source:	E205043-	02	Prepared: 0	5/12/22 A	nalyzed: 05/13/22
Chloride	334	20.0	250	81.0	101	80-120			
Matrix Spike Dup (2220043-MSD1)				Source:	E205043-	02	Prepared: 0	5/12/22 A	nalyzed: 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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
١	PO Box 247	Project Number:	21068-0001	Reported:
١	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
Chain	Oi	custou

Page	l of	2

ent: Pima Environmental Services	Bill To				Lal	b Use						TA		EPA P	rogram
oject: MILJH Mar Flow live oject Manager: Tom Bynum	Attention: 5 DUR Address:		Lab V	NO# 05	24	3	S/O	lumbe	∞ 1	1D	2D	3D	Standard	CWA	SDWA
dress: 5614 N. Lovington Hwy.	City, State, Zip								Method	1					RCRA
y, State, Zip Hobbs, NM, 88240	Phone:														
one: 580-748-1613	Email:		015	015									NINAL CO	State	LTVI
nail: tom@pimaoil.com	Pima Project # 6-68	-	by 8	by 8	021	99	10	0.00		N	×		NWI CC	UT AZ	IX
port due by:	Time Tojestii U U U	Lab	ORO ORO	DRO	by 8	3y 82	ls 60	ide 3		1	U	1 1	A	1	
Time Date Matrix No. of Containers Sample ID		Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300		ВСБОС	9600			Remarks	
5-7-27 5 1 5-1	- 0-6"	1								1					
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BG-2	and the same of th	10						n en l		T	T				
		110						_		1	1_	1_1			_
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field sampler), attest to the validity and authenticity of this sample. I te or time of collection is considered fraud and may be grounds for le		ng the sample	e locati	du	cur								ceived on ice the da o ^o C on subsequent		oled or receiv
linguished by (Signature) Date / Time	Received by: (Signature)	Date	2 .	-		_				1	ab U	se On	ly		- EY
1/10-1 / 105		11/9-	-99		135	11	Rece	eived o	n ice:	(1	181	V			
Sinquished by Tiggatare) Date 7-2 Time	Received by: (Signature)	Date	7	Time	36	5	T1			T2			T3		
Date Time	Received by: (Signature)	Date		Time			47/6	-	00	4					
		Containe	r Typ	0: 0 -	alacc			Temp	-	or als	ec v	- VOA			
mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	unless other arrangements are made. Hazardous	Container samples will											eport for the a	nalysis of th	e above
one: Samples are discarded 30 days after results are reported imples is applicable only to those samples received by the lab						for o	n the	report.			- 75.0		And and and	Chi an senin	
							-								
						(1	3 (n	V	7	report for the a	t e	C
	Page 2	20 of 31							-	H 400		200	m villa	-	The same of the sa

Project Information

ent: P	ma Envi	ronme	ntal Sen	rices	Bill To				La	b Us	e On	ly			TAT		EPA P	rogram
				owline	Attention: Soun		Lab	WO#			Job 1	Number	1D	2D 3I	St	andard	CWA	SDWA
oject N	lanager:	Tom B	ynum		Address:		Ea	OF	50	B	210	1000-801				V		
	5614 N.				City, State, Zip						Analy	sis and Metho	d					RCRA
	e, Zip Ho		IM, 8824	0	Phone:		100										Ct-t-	L
	80-748-				Email:		8015	3015	W. W							NM CO	State	TVI
port d	om@pin	iaoii.co	OTTI		Pima Project # 6-68	-	by 8	by 8	3021	260	010	300.0	Σ	×		WI CO	UT AZ	11/
ime	Date		No. of	T		Lab	/ORC	/DRC	by 8	by 8	als 60	ride	8			1		
mpled	Sampled	Matrix	Container			Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Metals 6010	Chloride 300.0	AGDOC	верос			Remarks	
	5-7-22	SOIL	1	5W-	1	11												
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ditio	nal Instru	tions:											_					
te or tim	e of collection	is consid	ered fraud an	d may be grounds for	I am aware that tampering with or intentionally mislabe	Ing the samp	le locati	1/11	re	2		es requiring thermal d in ice at an avg tem						led or receive
linquis	ed by: (Sign	ature)	Da	Time 5/9/22 /		25-9	20	Time	3:3	Figure 1	Rec	eived on ice:		ab Use	Only			
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elinquis	ned by: (Sign	ature)	D	ate Time		Date		Time	0				I					
U	0									7	AVG	Fremp °C						

tor disposed of at the client expense. The report for the analysis of the above or on the report.

Page 80 of the client expense. The report for the analysis of the above or on the report.

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

Envirotech Analytical Laboratory

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.

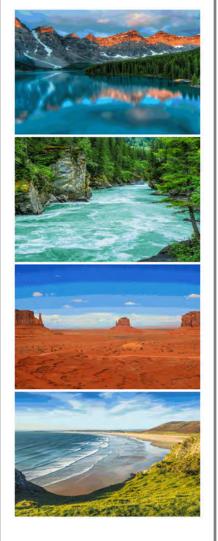
Client:	Pima Environmental Services-Carlsbad	Date Received:	05/10/22 10	0:30		Work Order ID:	E205043
Phone:	(575) 631-6977	Date Logged In:	05/10/22 09	9:00		Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:		7:00 (4 day TAT)		88 7	
1. Does th 2. Does th 3. Were sa 4. Was the	e sample ID match the COC? e number of samples per sampling site location mat imples dropped off by client or carrier? COC complete, i.e., signatures, dates/times, reques I samples received within holding time? Note: Analysis, such as pH which should be conducted in	sted analyses?	Yes Yes Yes No Yes	Carrier: <u>U</u>	JPS	Comment	s/Resolution
Sample T	i.e, 15 minute hold time, are not included in this disucssicurn Around Time (TAT)	on.					
	COC indicate standard TAT, or Expedited TAT?		Yes		Time samp	oled not provi	ded on COC.
Sample C	ooler_						
7. Was a s	ample cooler received?		Yes				
8. If yes, v	vas 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				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling risible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>				
Sample C	ontainer_						
14. Are aq	ueous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes				
Sa Da	el Teld sample labels filled out with the minimum info mple ID? ate/Time Collected? The collected of the	ormation:	Yes No No				
	reservation_		110				
21. Does t	he COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
Multipha	se Sample Matrix						
26. Does t	he sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
28. Are sa	act Laboratory mples required to get sent to a subcontract laborato subcontract laboratory specified by the client and it	•	No NA	Subcontract Lab	o: na		
Client In	<u>struction</u>						

Date

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

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

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: 5/26/22

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

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labadmin@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

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

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



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'

		E203100-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	Analys	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	Analys	t: KL		Batch: 2222003
Chloride	9330	400	20	05/23/22	05/23/22	

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'

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	Analy	st: 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	Analy	st: 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	Analy	st: KL		Batch: 2222003
Chloride	11100	400	20	05/23/22	05/23/22	



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'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	Anal	yst: KL		Batch: 2222003
Chloride	7240	200	10	05/23/22	05/23/22	



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'

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	Analy	vst: 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	Analy	vst: 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	Analy	st: KL		Batch: 2222003
Chloride	12100	400	20	05/23/22	05/23/22	



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'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: KL		Batch: 2222003
	ND	20.0		05/23/22	05/23/22	



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'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	Anal	yst: KL		Batch: 2222003



Surrogate: 4-Bromochlorobenzene-PID

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

Plains TX, 79355-0247		Project Manager		m Bynum				5	5/26/2022 4:09:27PM
		Volatile C	Organics b	y EPA 802	1B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2222002-BLK1)							Prepared: 0	5/23/22 An	alyzed: 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: 0	5/23/22 An	alyzed: 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: 0	5/23/22 An	alyzed: 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	



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

Plains TX, 79355-0247		Project Number: Project Manager:		m Bynum					5/26/2022 4:09:27PM
	Non	halogenated C	Organics l	by EPA 801	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2222002-BLK1)							Prepared: 0	5/23/22	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: 0	5/23/22	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: 0	5/23/22	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			



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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/26/2022 4:09:27PM
	Nonhal	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2222070-BLK1)							Prepared: 0	5/26/22 A	nalyzed: 05/26/22
tiesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	44.9		50.0		89.8	50-200			
.CS (2222070-BS1)							Prepared: 0	5/26/22 A	nalyzed: 05/26/22
riesel Range Organics (C10-C28)	443	25.0	500		88.6	38-132			
urrogate: n-Nonane	47.4		50.0		94.8	50-200			
Aatrix Spike (2222070-MS1)				Source:	E205100-0	03	Prepared: 0	5/26/22 A	nalyzed: 05/26/22
riesel Range Organics (C10-C28)	446	25.0	500	ND	89.2	38-132			
urrogate: n-Nonane	46.4		50.0		92.7	50-200			
Matrix Spike Dup (2222070-MSD1)				Source:	E205100-0	03	Prepared: 0	5/26/22 A	nalyzed: 05/26/22
tiesel Range Organics (C10-C28)	466	25.0	500	ND	93.2	38-132	4.39	20	
urrogate: n-Nonane	49.1		50.0		98.2	50-200			



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		aljamar Flowl 068-0001	ine				Reported:
Plains TX, 79355-0247		Project Manager:		om Bynum					5/26/2022 4:09:27PM
		Anions	by EPA 3	00.0/9056 <i>A</i>	\				Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2222003-BLK1)							Prepared: 0	5/23/22 A	Analyzed: 05/23/22
Chloride	ND	20.0							
LCS (2222003-BS1)							Prepared: 0	5/23/22 A	Analyzed: 05/23/22
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2222003-MS1)				Source:	E205107-0)1	Prepared: 0	5/23/22 A	Analyzed: 05/23/22
Chloride	246	20.0	250	ND	98.4	80-120			
Matrix Spike Dup (2222003-MSD1)				Source:	E205107-0)1	Prepared: 0	5/23/22 A	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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Maljamar Flowline	
١	PO Box 247	Project Number:	21068-0001	Reported:
١	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

Sec. 6	1 .	-
Page	l_of_	1

Client: P	ima Envi	onment	al Servi	ces		Bill To				La	ab Us	e On	ly	- Total Section				TAT	Fig	EPA P	rogram
Project:	Mal	amai	Flo	whine	Att	ention: Spur Energy		Lab	WO	#		Job N				D ?	2D	3D	Standard	CWA	SDWA
	lanager:				Ad	dress:		IE	205	306)	210	108	∞	al [X		
	5614 N.				Cit	y, State, Zip								nd Met							RCRA
	e, Zip Ho)	Ph	one:															
	580-748-				En	nail:		15	15			1 1						- 4		State	
	tom@pin		n				-	8	8015	н			0.0			_			NM CC	UT AZ	TX
Report d					Pi	ma Project # 6-68		0 6	0 6	802	8260	9010	300		1	N N	×		×		
Time	Date		No. of				Lab	108	/DR	by by	þ	als 6	ride		3	8	b			Damada	
Sampled	Sampled	Matrix	Containers	Sample ID			Number	DRO/ORO by 8015	GRO/DRO by	ВТЕХ БУ 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC	верос			Remarks	
	11				/										1	/					
9:00	5/7/22	Soil	1	151-	4		1								1	X					
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A ddising	nal Instruc	tions:	_	1						1	1	-				_					
Addition	iai ilisti ut	tions.																			
1. (field sam	onler) attest t	the validity	v and auther	ticity of this sar	mple. I am awar	that tampering with or intentionally mislab	elling the samp	le loca	tion,			Sample	es requ	iring ther	nal pres	servati	ion mu	st be rec	eived on ice the da	y they are samp	led or received
					s for legal action		Donas	es_	5			packed	d in ice	at an avg	temp ab	oove 0	but les	ss than 6	°C on subsequent	days.	
	ned by: (Sign		Dat		Time	Received by: (Signature)	Date	0	Time	ę	0		-			La	b Us	e Onl	V		
- T	icu by. Joseph	5	-	5/19/22	3:09	ent equiso More	Date 5	-95	73	3.0	70	Rec	eive	d on ic	e:		N				
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Sample Ma	atrix: S - Soil, S	d - Solid, Sg	- Sludge, A -	Aqueous, O - O	ther		Contain												annet for the -	nalusis of the	ahova
						ther arrangements are made. Hazardo with this COC. The liability of the labora									client	ехр	ense.	ine n	eport for the a	naiysis or the	anove
Isamples i	s applicable	only to the	se samples	received by the	ne laboratory l	vitil this COC. The hability of the labora	ory is illilited	to the	annot	ant pdi	u ioi (on the	· cho								



envirotech Inc.

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

Envirotech Analytical Laboratory

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:		17:00 (4 day TAT)		,-	
Chain o	f Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location ma	tch the COC	Yes				
	samples dropped off by client or carrier?		Yes	Carrier: T	ransporter		
4. Was t	he COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Currer. <u>1</u>	<u>ransporter</u>		
	all samples received within holding time? Note: Analysis, such as pH which should be conducted i	n the field,	Yes			Comment	s/Resolution
Sample	i.e, 15 minute hold time, are not included in this disucssi Turn Around Time (TAT)	on.					5/110501411011
	ne COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	Cooler						
	sample cooler received?		Yes				
8. If yes	, was cooler received in good condition?		Yes				
9. Was t	he sample(s) received intact, i.e., not broken?		Yes				
10. Wer	e custody/security seals present?		No				
	s, were custody/security seals intact?		NA				
12. Was 1	the sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
		temperature. 4	<u>C</u>				
	Container aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers	9	Yes				
	e appropriate volume/weight or number of sample contain		Yes				
Field La			140				
	e field sample labels filled out with the minimum inf	ormation:					
	Sample ID?		Yes				
	Date/Time Collected?		Yes				
	Collectors name?		No				
	Preservation	10					
	s the COC or field labels indicate the samples were p	reservea?	No				
	sample(s) correctly preserved? b filteration required and/or requested for dissolved r	matala?	NA				
		netals?	No				
	ase Sample Matrix	0					
	s the sample have more than one phase, i.e., multipha		No				
27. If ye	s, does the COC specify which phase(s) is to be anal	yzed?	NA				
	tract Laboratory						
	samples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and i	•	No NA	0.1 4 47.1	NIA		
		1 so who?	NA	Subcontract Lab): NA		
Client 1	<u>Instruction</u>						
							19-121

Date

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

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: E207142

Job Number: 21068-0001

Received: 7/20/2022

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: E207142

Date Received: 7/20/2022 10:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/20/2022 10:15:00AM, 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

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labadmin@envirotech-inc.com

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Southern New Mexico Area Lynn Jarboe

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Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Rayny Hagan
Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW.1	E207142-01A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.2	E207142-02A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.3	E207142-03A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.4	E207142-04A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.5	E207142-05A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.6	E207142-06A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.7	E207142-07A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.8	E207142-08A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.9	E207142-09A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.10	E207142-10A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.11	E207142-11A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.12	E207142-12A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.13	E207142-13A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.14	E207142-14A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CSW.15	E207142-15A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.1 B	E207142-16A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.2 B	E207142-17A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.3 B	E207142-18A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.4 B	E207142-19A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.5 B	E207142-20A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.



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 5:27:45PM

CSW.1 E207142-01

		E20/142-01					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dill	шин	Frepared	Anaiyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2230101
Benzene	ND	0.0250		1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250		1	07/22/22	07/26/22	
Toluene	ND	0.0250		1	07/22/22	07/26/22	
o-Xylene	ND	0.0250		1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500		1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250		1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		93.9 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		93.9 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0		1	07/26/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0		1	07/26/22	07/26/22	
Surrogate: n-Nonane		93.9 %	50-200		07/26/22	07/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2231017
Chloride	ND	20.0		1	07/25/22	07/26/22	



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CSW.2

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2230101
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		89.6 %	70-130	07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/22/22	07/26/22	
Surrogate: Toluene-d8		93.9 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		89.6 %	70-130	07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/22/22	07/26/22	
Surrogate: Toluene-d8		93.9 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0	1	07/26/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/26/22	07/26/22	
Surrogate: n-Nonane		92.2 %	50-200	07/26/22	07/26/22	
		mg/kg	Δ	Analyst: RAS		Batch: 2231017
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	tharyst. IC 15		Datell. 2231017

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
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CSW.3

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2230101
Benzene	ND	0.0250		1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250		1	07/22/22	07/26/22	
Toluene	ND	0.0250		1	07/22/22	07/26/22	
o-Xylene	ND	0.0250		1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500		1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250		1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		91.2 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		91.2 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: ЛL		Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0		1	07/26/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0		1	07/26/22	07/26/22	
Surrogate: n-Nonane		93.6 %	50-200		07/26/22	07/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2231017
		20.0			07/25/22	07/26/22	

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CSW.4

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2230101
Benzene	ND	0.0250	1		07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1		07/22/22	07/26/22	
Toluene	ND	0.0250	1		07/22/22	07/26/22	
o-Xylene	ND	0.0250	1		07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1		07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		101 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg Analyst: IY		IY		Batch: 2230101	
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		101 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Analyst: JL				Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0	1		07/26/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1		07/26/22	07/26/22	
Surrogate: n-Nonane		87.6 %	50-200	·	07/26/22	07/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2231017
Allions by ETA 500:0/7050A							



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CSW.5

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: Г	Y		Batch: 2230101
Benzene	ND	0.0250	1		07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1		07/22/22	07/26/22	
Toluene	ND	0.0250	1		07/22/22	07/26/22	
o-Xylene	ND	0.0250	1		07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1		07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		93.5 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		90.7 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg Analyst: IY		Y		Batch: 2230101	
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		93.5 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		90.7 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	1	Analyst: JL			Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0	1		07/26/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1		07/26/22	07/26/22	
Surrogate: n-Nonane		85.6 %	50-200		07/26/22	07/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	ı	Analyst: F	RAS		Batch: 2231017
Allions by ETA 500:0/7050A							



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CSW.6

E207142-06

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: Γ	Y		Batch: 2230101
Benzene	ND	0.0250	1		07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1		07/22/22	07/26/22	
Toluene	ND	0.0250	1		07/22/22	07/26/22	
o-Xylene	ND	0.0250	1		07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1		07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene	·	96.9 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		93.6 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: Γ	Y		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		93.6 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: J	L		Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0	1	•	07/26/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1		07/26/22	07/26/22	
Surrogate: n-Nonane		87.7 %	50-200		07/26/22	07/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: R	RAS		Batch: 2231017
Amons by ETA 500.0/7050A							



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CSW.7 E207142-07

		220/112 0/				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2230101
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		93.7 %	70-130	07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	07/22/22	07/26/22	
Surrogate: Toluene-d8		91.1 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		93.7 %	70-130	07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	07/22/22	07/26/22	
Surrogate: Toluene-d8		91.1 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0	1	07/26/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/26/22	07/26/22	
Surrogate: n-Nonane		82.2 %	50-200	07/26/22	07/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: RAS		Batch: 2231017
Chloride	ND	20.0	1	07/25/22	07/26/22	



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CSW.8

E207142-08

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IX	7		Batch: 2230101
Benzene	ND	0.0250	1		07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1		07/22/22	07/26/22	
Toluene	ND	0.0250	1		07/22/22	07/26/22	
o-Xylene	ND	0.0250	1		07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1		07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		94.7 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		91.8 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: I\	7		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		94.7 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		91.8 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: Л			Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0	1	•	07/26/22	07/26/22	_
Oil Range Organics (C28-C36)	ND	50.0	1		07/26/22	07/26/22	
Surrogate: n-Nonane		101 %	50-200		07/26/22	07/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2231017
Amons by ETA 500.0/7050A							



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CSW.9

E207142-09

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2230101
Benzene	ND	0.0250	1		07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1		07/22/22	07/26/22	
Toluene	ND	0.0250	1		07/22/22	07/26/22	
o-Xylene	ND	0.0250	1		07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1		07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		95.1 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		91.7 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		95.1 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		91.7 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0	1		07/26/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1		07/26/22	07/26/22	
Surrogate: n-Nonane		99.1 %	50-200		07/26/22	07/26/22	
		п	,	Analyst: RA	C		Batch: 2231017
Anions by EPA 300.0/9056A	mg/kg	mg/kg	F	Anaryst: KA	13		Batch: 2231017



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CSW.10 E207142-10

	_	Reporting	_			
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2230101
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130	07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/22/22	07/26/22	
Surrogate: Toluene-d8		104 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130	07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/22/22	07/26/22	
Surrogate: Toluene-d8		104 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0	1	07/26/22	07/26/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	07/26/22	07/26/22	
Surrogate: n-Nonane		108 %	50-200	07/26/22	07/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2231017
Chloride	ND	20.0	1	07/25/22	07/26/22	



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CSW.11 E207142-11

		Reporting				
Analyte	Result	Limit	Dilu	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2230101
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130	07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/22/22	07/26/22	
Surrogate: Toluene-d8		104 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130	07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/22/22	07/26/22	
Surrogate: Toluene-d8		104 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL		Batch: 2231028
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		96.8 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2231017
Chloride	ND	20.0	1	07/25/22	07/26/22	



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 5:27:45PM

CSW.12

		E207142-12					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2230101
Benzene	ND	0.0250	1	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250		1	07/22/22	07/26/22	
Toluene	ND	0.0250		1	07/22/22	07/26/22	
o-Xylene	ND	0.0250		1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500		1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		106 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		106 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2231028
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		101 %	50-200		07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2231017
Chloride	ND	20.0		1	07/25/22	07/26/22	



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 5:27:45PM

CSW.13 E207142-13

		2207712 10					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
				Analyst:		7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Allalyst		07/26/22	Batch: 2230101
Benzene	ND	0.0250		1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250		1	07/22/22	07/26/22	
Toluene	ND	0.0250		1	07/22/22	07/26/22	
o-Xylene	ND	0.0250		1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500		1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250		1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		101 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		106 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		101 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		106 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		Batch: 2231028
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		86.3 %	50-200		07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2231017
Chloride	ND	20.0		1	07/25/22	07/26/22	



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 5:27:45PM

CSW.14 E207142-14

		E20/142-14					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2230101
Benzene	ND	0.0250	1		07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1		07/22/22	07/26/22	
Toluene	ND	0.0250	1		07/22/22	07/26/22	
o-Xylene	ND	0.0250	1		07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1		07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		101 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		106 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		101 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		106 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2231028
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		87.4 %	50-200		07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RA	S		Batch: 2231017
Chloride	ND	20.0	1		07/25/22	07/26/22	



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 5:27:45PM

CSW.15 E207142-15

		11201172-13				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2230101
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130	07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/22/22	07/26/22	
Surrogate: Toluene-d8		105 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130	07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/22/22	07/26/22	
Surrogate: Toluene-d8		105 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2231028
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		81.1 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2231017
Chloride	ND	20.0	1	07/25/22	07/26/22	



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 5:27:45PM

CS.1 B

E207142-16

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2230101
Benzene	ND	0.0250	1		07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1		07/22/22	07/26/22	
Toluene	ND	0.0250	1	l	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	l	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	l	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene	·	97.4 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		105 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		105 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2231028
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		85.7 %	50-200		07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2231017



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 5:27:45PM

CS.2 B

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2230101
Benzene	ND	0.0250	1		07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1		07/22/22	07/26/22	
Toluene	ND	0.0250	1		07/22/22	07/26/22	
o-Xylene	ND	0.0250	1		07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1		07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene	·	95.9 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		104 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		104 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2231028
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		84.9 %	50-200	·	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2231017
Amons by ETA 500.0/7050A							



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 5:27:45PM

CS.3 B

E307	142-18	١
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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2230101
Benzene	ND	0.0250	1	l	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	l	07/22/22	07/26/22	
Toluene	ND	0.0250	1	l	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	l	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	l	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	[07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		107 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		107 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/26/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	07/26/22	07/27/22	
Surrogate: n-Nonane		83.7 %	50-200		07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2231017
					07/25/22	07/26/22	



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 5:27:45PM

CS.4 B

E207142-19

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I	Y		Batch: 2230101
Benzene	ND	0.0250	1		07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1		07/22/22	07/26/22	
Toluene	ND	0.0250	1		07/22/22	07/26/22	
o-Xylene	ND	0.0250	1		07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1		07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		106 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		106 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JI	L		Batch: 2231028
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		79.3 %	50-200		07/26/22	07/27/22	
		mg/kg		Analyst: R	AS		Batch: 2231017
Anions by EPA 300.0/9056A	mg/kg	mg/kg	-	maryst. IX	2 10		Datell. 2231017



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 5:27:45PM

CS.5 B

		E207142-20					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2230101
Benzene	ND	0.0250	1	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		104 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2230101
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/22/22	07/26/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130		07/22/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/22/22	07/26/22	
Surrogate: Toluene-d8		104 %	70-130		07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2231028
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/26/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	07/26/22	07/27/22	
Surrogate: n-Nonane		106 %	50-200		07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2231017

20.0

07/25/22

07/26/22

ND



Chloride

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 5:27:45PM

Plains TX, 79355-0247		Project Manage	r: To	om Bynum				7/2	27/2022 5:27:45PM
	Vo	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2230101-BLK1)							Prepared: 0	7/22/22 Anal	yzed: 07/26/22
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	0.567		0.500		113	70-130			
Surrogate: Toluene-d8	0.458		0.500		91.6	70-130			
LCS (2230101-BS1)							Prepared: 0	7/22/22 Anal	lyzed: 07/26/22
Benzene	2.66	0.0250	2.50		106	70-130			
Ethylbenzene	2.56	0.0250	2.50		102	70-130			
Toluene	2.54	0.0250	2.50		101	70-130			
o-Xylene	2.74	0.0250	2.50		109	70-130			
p,m-Xylene	5.29	0.0500	5.00		106	70-130			
Total Xylenes	8.03	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.526		0.500		105	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			
LCS Dup (2230101-BSD1)							Prepared: 0	7/22/22 Anal	lyzed: 07/26/22
Benzene	2.47	0.0250	2.50		99.0	70-130	7.25	23	
Ethylbenzene	2.47	0.0250	2.50		98.8	70-130	3.44	27	
Foluene	2.46	0.0250	2.50		98.2	70-130	3.26	24	
o-Xylene	2.64	0.0250	2.50		106	70-130	3.53	27	
p,m-Xylene	5.10	0.0500	5.00		102	70-130	3.69	27	
Total Xylenes	7.74	0.0250	7.50		103	70-130	3.64	27	
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
	V.D.1.								



70-130

Surrogate: Toluene-d8

0.477

Pima Environmental Services-CarlsbadProject Name:Maljamar Transfer LineReported:PO Box 247Project Number:21068-0001Plains TX, 79355-0247Project Manager:Tom Bynum7/27/20225:27:45PM

Nonhalogenated	Organics by	· EPA 8015D	- GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2230101-BLK1)						1	Prepared: 0	7/22/22 Analy	yzed: 07/26/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.567		0.500		113	70-130			
Surrogate: Toluene-d8	0.458		0.500		91.6	70-130			
LCS (2230101-BS2)]	Prepared: 0	7/22/22 Analy	yzed: 07/26/22
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			

Surrogate: Bromofluorobenzene	0.494	0.500	98.8	70-130
Surrogate: 1,2-Dichloroethane-d4	0.481	0.500	96.2	70-130
Surrogate: Toluene-d8	0.489	0.500	97.8	70-130

LCS Dup (2230101-BSD2) Prepared: 07/22/22 Analyzed: 07/26/22 Gasoline Range Organics (C6-C10) 41.2 20.0 50.0 82.4 70-130 19.8 20

Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	82.4	70-130
Surrogate: Bromofluorobenzene	0.487		0.500	97.4	70-130
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500	101	70-130
Surrogate: Toluene-d8	0.479		0.500	95.8	70-130

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 5:27:45PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					7/27/2022 5:27:45PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231028-BLK1)							Prepared: 0	7/26/22 A	nalyzed: 07/26/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.6		50.0		89.1	50-200			
LCS (2231028-BS1)							Prepared: 0	7/26/22 A	nalyzed: 07/26/22
Diesel Range Organics (C10-C28)	220	25.0	250		87.8	38-132			
Surrogate: n-Nonane	46.9		50.0		93.8	50-200			
Matrix Spike (2231028-MS1)				Source:	E207142-	16	Prepared: 0	7/26/22 A	nalyzed: 07/26/22
Diesel Range Organics (C10-C28)	217	25.0	250	ND	86.6	38-132			
Surrogate: n-Nonane	47.6		50.0		95.3	50-200			
Matrix Spike Dup (2231028-MSD1)				Source:	E207142-	16	Prepared: 0	7/26/22 A	nalyzed: 07/26/22
Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.5	38-132	2.09	20	
Surrogate: n-Nonane	44.5		50.0		89.1	50-200			



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		/aljamar Trans 1068-0001	fer Line				Reported:
Plains TX, 79355-0247		Project Manager:	Т	om Bynum					7/27/2022 5:27:45PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231017-BLK1)							Prepared: 0'	7/25/22 A	nalyzed: 07/26/22
Chloride	ND	20.0							
LCS (2231017-BS1)							Prepared: 0'	7/25/22 A	nalyzed: 07/26/22
Chloride	239	20.0	250		95.6	90-110			
Matrix Spike (2231017-MS1)				Source:	E207142-0	1	Prepared: 0'	7/25/22 A	nalyzed: 07/26/22
Chloride	244	20.0	250	ND	97.4	80-120			
Matrix Spike Dup (2231017-MSD1)				Source:	E207142-0	1	Prepared: 0'	7/25/22 A	nalyzed: 07/26/22
Chloride	243	20.0	250	ND	97.3	80-120	0.0863	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 17:27

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 o	Custody
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Page _	L	of_	_/

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	5614 N.				City, State, Zip						Analys	is an	d Metho	d			_		RCRA
City, Stat	e, Zip Ho	bbs, NA)	Phone:												-	State	
	580-748-				Email:		8015	8015				0					NMI CO	UT AZ	TX
	om@pin	naoil.cor	n		Pima Project # 6-68		O by		ВТЕХ by 8021	VOC by 8260	Metals 6010	Chloride 300.0		Σ×	¥		X		
Report d	Date		No. of		4 30	Lab	DRO/ORO by	GRO/DRO by	X by	C by 8	tals 6	oride		BGDOC	BGDOC	1 1		Remarks	
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				CSW.3		3								#					
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Additio	nal Instru	ctions:																	
I, (field san	pler), attest	to the validi	ty and authe	nticity of this sample	. Lam aware that tampering with or intentionally legal action.	y mislabelling the samp	ole loca	ition,									ceived on ice the di 6 °C on subsequent		pled or receive
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	ned by By			7-19-22 Tim	4.15 Kathe let	7/12 Date	0/20	2/1); (5	T1						<u>T3</u>	-	
Relinquis	hed by: (Sig	nature)	Da	ite Tim	e Received by: (Signature)								mp °C_	4		1101			
Sample Ma	atrix (S - Soil)	Sd - Solid, S	g - Sludge, A	- Aqueous, O - Other		Contain	er Ty	pe(g	- glas	s)p-	poly/p	lasti	c, ag - am	lient o	lass, I	e The	report for the	nalysis of th	e above
Note: Sar	nples are di	scarded 30	days after	results are reported	ed unless other arrangements are made. Haboratory with this COC. The liability of the	lazardous samples w laboratory is limited	to the	return e amo	unt pa	aid for	on the	repo	ort.	ilent e	Apens		i opole loi tile i		7
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Additio	nal Instru	ctions:																						
I /field som	nler) attest	to the validit	v and author	nticity of this san	nple. I am	aware that tam	pering with or intention	onally mislabelling the	sample	locati	on,													pled or received
				may be ground:			Samples (bit):	Ved Koger	<u> </u>					packe	d in ico	at an av	g temp					ubsequent d	ays.	
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Moto: Sa	nales are di	scarded 30	days after	results are rep	orted un	less other arra	ingements are made	ide. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above of the laboratory is limited to the amount paid for on the report.								a apove								
samples	is applicable	only to the	se samples	received by t	ne labora	tory with this	COC. The liability of	the laboratory is lir	nited t	o the	amou	nt pa	id for	on the	repo	rt.								

Printed: 7/22/2022 12:51:34PM

Envirotech Analytical Laboratory

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.

GI	Pima Environmental Services-Carlsbad	Data Danaian da	07/20/22	10.15	W. L.O. L. TD. FRONTIA
Client:		Date Received:	07/20/22		Work Order ID: E207142
Phone:	(575) 631-6977	Date Logged In:	07/21/22		Logged In By: Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	07/26/22	17:00 (4 day TAT)	
Chain of	Custody (COC)				
	e sample ID match the COC?		Yes		
	e number of samples per sampling site location mate	th the COC	Yes		
	mples dropped off by client or carrier?		Yes	Carrier: U	IPS
4. Was the	COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes	cumer. <u>c</u>	31 5
5. Were al	I samples received within holding time?	•	Yes		
	Note: Analysis, such as pH which should be conducted in				Comments/Resolution
G 1.70	i.e, 15 minute hold time, are not included in this disucssio	1.		1	Comments/Resolution
	urn Around Time (TAT)		Vos		Project has been seperated into 3 reports
	COC indicate standard TAT, or Expedited TAT?		Yes		due to amount of samples. Workorders are
Sample C	ooter ample cooler received?		Yes		-
	vas cooler received in good condition?				as follows:
• •	G		Yes		E207142 COC pg 1&2 of 7, E207143 COC
	sample(s) received intact, i.e., not broken?		Yes		pg 3&4 of 7, E207144 COC pg 5,6&7 of 7.
	custody/security seals present?		No		
11. If yes,	were custody/security seals intact?		NA		
	sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes		
13. If no v	isible ice, record the temperature. Actual sample	emperature: 4°C	<u>2</u>		
Sample C					
	ueous VOC samples present?		No		
	OC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	trip blank (TB) included for VOC analyses?		NA		
	on-VOC samples collected in the correct containers?	11 . 10	Yes		
	ppropriate volume/weight or number of sample contain	ers collected?	Yes		
Field Lab	<u>eı </u>	matian			
	mple ID?	mation.	Yes		
	ate/Time Collected?		Yes		
C	ollectors name?		No		
Sample P	<u>reservation</u>				
21. Does t	he COC or field labels indicate the samples were pro	eserved?	No		
	mple(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved me	etals?	No		
Multipha	se Sample Matrix				
26. Does t	he sample have more than one phase, i.e., multiphas	e?	No		
27. If yes,	does the COC specify which phase(s) is to be analyst	zed?	NA		
Subcontra	act Laboratory				
	mples required to get sent to a subcontract laborator	y?	No		
	subcontract laboratory specified by the client and if		NA	Subcontract Lab	o: na
Client In	struction_				
CHCHT III	struction				

Date

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: E207143

Job Number: 21068-0001

Received: 7/20/2022

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: E207143

Date Received: 7/20/2022 10:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/20/2022 10:15:00AM, 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

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

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	Donoutoda	
PO Box 247	Project Number:	21068-0001	Reported:	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/27/22 17:59	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS.6 B	E207143-01A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.7 B	E207143-02A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.8 B	E207143-03A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.9 B	E207143-04A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.10 B	E207143-05A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.11 B	E207143-06A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.12 B	E207143-07A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.13 B	E207143-08A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.14 B	E207143-09A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.15 B	E207143-10A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.16 B	E207143-11A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.17 B	E207143-12A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.18 B	E207143-13A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.19 B	E207143-14A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.20 B	E207143-15A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.21 B	E207143-16A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.22 B	E207143-17A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.23 B	E207143-18A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.24 B	E207143-19A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.25 B	E207143-20A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.



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CS.6 B E207143-01

		E20/143-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231029
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		99.7 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2231018
Chloride	ND	20.0	1	07/25/22	07/26/22	



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 5:59:23PM

CS.7 B

Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2230102	
Benzene	ND	0.0250	1	07/22/22	07/26/22		
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22		
Toluene	ND	0.0250	1	07/22/22	07/26/22		
o-Xylene	ND	0.0250	1	07/22/22	07/26/22		
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22		
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22		
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	07/22/22	07/26/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2230102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	07/22/22	07/26/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2231029	
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		99.4 %	50-200	07/26/22	07/27/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2231018	



Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
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CS.8 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2231029
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		106 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: RAS		Batch: 2231018



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CS.9 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231029
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		103 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2231018
	ND	20.0		07/25/22	07/26/22	•



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
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CS.10 B

		E207143-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2231029
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		106 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: RAS		Batch: 2231018
Chloride	ND	20.0	1	07/25/22	07/26/22	



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CS.11 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Ana	Analyst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231029
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		109 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2231018
Chloride	ND	20.0	1	07/25/22	07/26/22	
						



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CS.12 B

		E207143-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
o,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231029
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		115 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2231018
Chloride	ND	20.0	1	07/25/22	07/26/22	



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CS.13 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: IY			Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231029
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		106 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2231018
	ND	20.0	1	07/25/22	07/26/22	



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CS.14 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2231029
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		89.1 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2231018
Chloride	ND	20.0	1	07/25/22	07/26/22	



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CS.15 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231029
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		88.2 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2231018
			<u> </u>	07/25/22	07/26/22	



Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

Sample Data

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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:59:23PM

CS.16 B E207143-11

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2231029
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	

89.3 %

mg/kg

20.0

mg/kg

ND

50-200

07/26/22

07/25/22

Analyst: RAS

1

07/27/22

07/26/22

Batch: 2231018



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CS.17 B

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2231029
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		80.2 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2231018
-	ND	20.0		07/25/22	07/26/22	•



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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:59:23PM

CS.18 B

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2231029
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		87.3 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2231018
	ND	20.0	1	07/25/22	07/26/22	· · · · · · · · · · · · · · · · · · ·



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 5:59:23PM

CS.19 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2231029
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		88.9 %	50-200	07/26/22	07/27/22	
	mg/kg	mg/kg	Analy	/st: RAS		Batch: 2231018
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Battern 228 1010



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 5:59:23PM

CS.20 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2231029
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		89.2 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2231018



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 5:59:23PM

CS.21 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2231029
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		88.6 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2231018
	ND	20.0		07/25/22	07/26/22	· · · · · · · · · · · · · · · · · · ·



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 5:59:23PM

CS.22 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2231029
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		86.9 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2231018
Chloride	ND	20.0	1	07/25/22	07/26/22	



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 5:59:23PM

CS.23 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231029
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		90.7 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2231018
	ND			07/25/22	07/26/22	



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 5:59:23PM

CS.24 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230102
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231029
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		91.8 %	50-200	07/26/22	07/27/22	
	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2231018
Anions by EPA 300.0/9056A	mg/ng	88		,		



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 5:59:23PM

CS.25 B

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
,	mg/kg	mg/kg	Analyst	•	7 mary 200	Batch: 2230102
Volatile Organics by EPA 8021B Benzene	ND	0.0250	1	07/22/22	07/27/22	Batch. 2230102
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2230102
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	07/22/22	07/27/22	
	mg/kg	95.3 % mg/kg	70-130 Analyst		07/27/22	Batch: 2231029
Surrogate: 1-Chloro-4-fluorobenzene-FID Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	mg/kg ND				07/27/22	Batch: 2231029
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg		: JL		Batch: 2231029
Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND	mg/kg 25.0		97/26/22	07/27/22	Batch: 2231029
Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	ND	mg/kg 25.0 50.0	Analyst 1 1	07/26/22 07/26/22 07/26/22	07/27/22 07/27/22	Batch: 2231029



LCS (2230102-BS1)

Benzene

Toluene

o-Xylene

Ethylbenzene

QC Summary Data

				•								
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Ialjamar Trans 1068-0001	fer Line				Reported:			
Plains TX, 79355-0247		Project Manager: Tom Bynum						7/27/2022 5:59:23PM				
		Volatile O	rganics	by EPA 802	1B				Analyst: IY			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2230102-BLK1)						F	Prepared: 0	7/22/22 Ana	alyzed: 07/27/22			
enzene	ND	0.0250										
hylbenzene	ND	0.0250										
bluene	ND	0.0250										
Xylene	ND	0.0250										
m-Xylene	ND	0.0500										
otal Xylenes	ND	0.0250										
urrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130						

p,m-Xylene	8.59	0.0500	10.0	85.9	70-130			
Total Xylenes	13.0	0.0250	15.0	86.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00	102	70-130			
LCS Dup (2230102-BSD1)					I	Prepared: 07	//22/22 Analy	zed: 07/27/22
Benzene	4.81	0.0250	5.00	96.3	70-130	0.938	20	
Ethylbenzene	4.18	0.0250	5.00	83.7	70-130	0.859	20	
Toluene	4.53	0.0250	5.00	90.6	70-130	1.01	20	
o-Xylene	4.50	0.0250	5.00	89.9	70-130	1.13	20	
p,m-Xylene	8.65	0.0500	10.0	86.5	70-130	0.790	20	
Total Xylenes	13.2	0.0250	15.0	87.7	70-130	0.907	20	
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00	102	70-130			

5.00

5.00

5.00

5.00

95.4

83.0

89.7

88.9

70-130

70-130

70-130

70-130

4.77

4.15

4.48

4.45

0.0250

0.0250

0.0250

0.0250

Prepared: 07/22/22 Analyzed: 07/27/22

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Maljamar Transfer Line 21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/27/2022 5:59:23PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					7/27/2022 5:59:23PM
Nonhalogenated Organics by EPA 8015D - GRO Anal									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2230102-BLK1)							Prepared: 0	7/22/22 A	nalyzed: 07/27/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			
LCS (2230102-BS2)							Prepared: 0	7/22/22 A	nalyzed: 07/27/22
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			
LCS Dup (2230102-BSD2)							Prepared: 0	7/22/22 A	nalyzed: 07/27/22
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130	0.0916	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	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 5:59:23PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					7/27/2022 5:59:23PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231029-BLK1)							Prepared: 0	7/26/22 <i>F</i>	Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.8		50.0		102	50-200			
LCS (2231029-BS1)							Prepared: 0	7/26/22 A	Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132			
Surrogate: n-Nonane	47.7		50.0		95.4	50-200			
Matrix Spike (2231029-MS1)				Source:	E207143-	07	Prepared: 0	7/26/22 A	Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.0	38-132			
Surrogate: n-Nonane	47.7		50.0		95.3	50-200			
Matrix Spike Dup (2231029-MSD1)				Source:	E207143-	07	Prepared: 0	7/26/22 <i>A</i>	Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.3	38-132	0.730	20	
Surrogate: n-Nonane	46.1		50.0		92.3	50-200			



QC Summary Data

Pima Environmental Services-Carlsbac PO Box 247	1	Project Name: Project Number:		Maljamar Trans 21068-0001	sfer Line				Reported:	
Plains TX, 79355-0247		Project Manager		Fom Bynum				7/27/2022 5:59:23P		
		Anions	by EPA	300.0/9056	4				Analyst: RAS	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2231018-BLK1)							Prepared: 0	7/25/22 A	nalyzed: 07/26/22	
Chloride	ND	20.0								
LCS (2231018-BS1)							Prepared: 0	7/25/22 A	nalyzed: 07/26/22	
Chloride	243	20.0	250		97.1	90-110				
Matrix Spike (2231018-MS1)				Source:	E207143-	01	Prepared: 0	7/25/22 A	nalyzed: 07/26/22	
Chloride	246	20.0	250	ND	98.4	80-120				
Matrix Spike Dup (2231018-MSD1)				Source:	E207143-	01	Prepared: 0	7/25/22 A	nalyzed: 07/26/22	
Chloride	246	20.0	250	ND	98.5	80-120	0.0934	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 17:59

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

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Clients Di	ma Envi	ronmon	al Sonii	205	a Bill To		7	-	La	b Us	e Onl	V				TAT		EPA Pr	ogram
Project:	Malian	onnen	can Clan	Line	Attention: Sour		Lab	WO#		_	Job N	lumb	oer ,	1D	2D	3D	Standard	CWA	SDWA
Project M	lanager:	Tom By	num	UIVE.	Address:		Ea	18 #	110	3	210	YOJ	-0001				X		
Address:	5614 N.	Lovingt	on Hwy.		City, State, Zip						Analy:	sis an	d Metho	d					RCRA
	e, Zip Ho				Phone:				-										
	80-748-				Email:		115	115			1							State	
	om@pin		n			D	34 80	37 80	21	9	0	0.0		Σ		1 1		UT AZ	TX
Report di					Pima Project # 6-68		80	RO	y 80	/ 826	601	Je 30			¥	1 1	X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
9:4D	7/18/22	S		08.6 Z	3									X	_				
9:45				CS. 7 E	3	2								1					
9:50				CS. 8 2	В	3								\coprod	_				
9:55				CS. 9 E	3	4			_					#		\vdash			
10:00				CS.10	B	5	_		_					4	-	\vdash			
10:05				CS. 1/ 2	3	le				-				\downarrow	-	+			
10:10				CS. 12	B	7	-	-	-	-			-	#	-				
10:15				09.13	В	8	_	_						\parallel					
10:20				CS.14	B	9								4					
10:25		1		CS. 15	\mathcal{B}	10													
Addition	nal Instru	ctions:																	
					e. I am aware that tampering with or intention regal action.	nally mislabelling the samp	le loca	tion,									ceived on ice the da		led or received
	e of collectioned by; (Sign		red fraud and	may be grounds for	ne Refeived by (Signature)	Date	~	Time	<u> </u>	~	-					Jse On	ly		
alka	ndrat	ander	0 7	1/19/22	3:15 10 m	O Date (79	Tim	31.	5	Rec	eive	d on ice	: (D	N		~~	
1	ned by: (Sig	VIV) Dat	1/1090	1.9 letica	et Thos	22	1C	2.6	5	T1			<u>T2</u>			<u>T3</u>		
Relinquis	hed by: (Sig	nature) (Da	te Tin	Received by: (Signature)	Date							mp °C_	4					
Sample Ma	atrix S - Soi)	Sd - Solid, S	g - Sludge, A	Aqueous, O - Other		Contain	er Ty	pe/g	glass	g p -	poly/p	olasti	c, ag - an	ber g	lass, v	- VOA		- Date - Fait	- Laure
Note: Sar	nnles are di	scarded 30	days after	results are reporte	ed unless other arrangements are made.	Hazardous samples w	ill be r	eturne	ed to d	client	or disp	osed	of at the o	lient e	xpens	e. The	report for the a	nalysis of the	e above
samples i	s applicable	only to the	ose sample:	received by the I	aboratory with this COC. The liability of the	he laboratory is limited	to the	amou	unt pa	id for	on the	геро	rt.		_			_	_



Project Information

Chain of Custody

Client D	ima Envi	ronment	al Servi	ces		n Bill To					b Us	e On	ly				TA			Program
Project.	Naljami	or Im	nelee	ine	At	tention: Sour		Lab	WO#		2	Job f	Vum	ber	1D	2D	3D	Standard	CWA	SDWA
Project M	Manager:	Tom By	num	7.00		Idress:		E:	30	114	0	211	dos	ber 8-000 (12.1		Y		
	5614 N.				200	ty, State, Zip		-				Analy	sis ar	nd Method	i					RCRA
	e, Zip Ho)		none:		7-												
	580-748-		II, OUL IC		F	mail:		15	8015										State	
	tom@pin		n		_			V 80	88	#	0		0.0		5		1 1		O UT A	Z TX
Report d					F	ima Project # 6.68		DRO/ORO by 8015	GRO/DRO by	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0		N	7	1 1	X		
Time	Date		No. of	0.00			Lab	000	00	X	c by	tals	orid		верос	BGDOC			Remark	S
Sampled	Sampled	Matrix	Containers	Sample ID			Number	- B	GR	BTE	Š	Σ	ទ		BG	8				
	7/18/22	0		100 11	5		1.0		1						1	1				
10:30	110/22	2		09.14	0 B				1						X	-				
		1		100 1-	100		10								11					
10:35				1/15.11	B		12	8					-		11	-	-			
				100 11	D		13	1							11					
10:40				CS. 18	B		10	-	-	-	-				++	-	-			
				CS. 19	B		114								11	1				
10:45				CS. 10	0				+	-	+-	-			++	+	-	++-		
US FO				CS. 2	DB		15								\mathbf{H}					
10:50		_		CS. 21) 13			+-	+	+-			-		++	1	+			
10:55				15. 2	1 B		16													
7.7.4				08.2	7 R		17													
11:00							1.			1		1			11					
11:05				CS. 2	3 B		18				_				4	1				
				CS. 2	2		19								Π	1				
11:10				C3. Z	<u>C P</u>		11	+	-	-	+	+	+-	-	+	+				
11:15	1			CS. 2	5 B		20								1					
	nal Instru	ctions:																		
												_							1 11	
I, (field san	npler), attest	to the validit	ty and authe	nticity of this sar	nple. I am aw	are that tampering with or intentionally mi	slabelling the sam	ple loca	ation,			Samp	oles req	uiring thermal	preserv	e O but	less than	received on ice the n 6 °C on subseque	day they are sai nt days.	mpied or received
date or tim	ne of collectio	n is consider	red fraud and	I may be ground	s for legal acti	on. Sampled by: Mean	eogers					Pack	EU III ICI	at un uvg ten						
	hed by: (Sign		Da Da	te/10/	Time	Received by: Signature)	Date	Fr	Tim	3/	5					Y)	Jse O	nly		
116	andra	Kande			3:15	Mon	11-	10	4	-1	/	Red	ceive	d on ice:	(וע	N			
Refinquis	hed by: (big	hature)	Qa	1-19-00	3/6	Received by: (Aprature)	ATIZE	122	10	2:1	5	T1			T2			<u></u>		
Relinquis	hed by: (Sig	nature)	Da	te	Time	Received by: (Signature)	Date		Tim	ne		AV	G Te	mp °C	4	•				
15			Cludes 2	1	ther		Contair	ner Tv	D8. E	- glas	- af.s	poly/	plasti	c, ag - am	ber gl	lass, v	- VO	A		
Sample M	atric: 5 - Soil,	sa - Solid, Sg	days after	- Aqueous, O - O	orted unless	other arrangements are made. Haza	rdous samples v	vill be	return	ed to	client	or dist	osed	of at the cl	ient e	xpens	e. The	e report for the	analysis of t	he above
Note: Sa	mpies are di	only to the	uays arter	results are rep s received by t	he laborator	with this COC. The liability of the lab	oratory is limited	to th	e amo	unt pa	id for	on the	e repo	ort.		9 10 0				



Printed: 7/22/2022 12:54:45PM

Envirotech Analytical Laboratory

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:	07/20/22 10		Work Order ID:	E207143
Phone:	(575) 631-6977	Date Logged In:	07/21/22 12		Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	07/26/22 17	:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does th	ne sample ID match the COC?		Yes			
2. Does th	ne number of samples per sampling site location mat	ch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	JPS_	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion.		Yes		<u>Comment</u>	s/Resolution
	urn Around Time (TAT)	,	••		Project has been seperate	ted into 3 reports
	COC indicate standard TAT, or Expedited TAT?		Yes		<u> </u>	=
Sample C					due to amount of sampl	es. Workorders are
	sample cooler received?		Yes		as follows:	
•	was cooler received in good condition?		Yes		E207142 COC pg 1&2	of 7, E207143 COC
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		pg 3&4 of 7, E207144 (COC ng 5.6&7 of 7.
10. Were	custody/security seals present?		No			200 pg 2,0α, στ γ.
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
		temperature. 1	<u>~</u>			
Sample C	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers.)	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab		iers conceteu.	103			
	field sample labels filled out with the minimum info	rmation:				
	ample ID?	imation.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
	<u>reservation</u>					
21. Does t	the COC or field labels indicate the samples were pr	eserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved m	netals?	No			
	se Sample Matrix					
26. Does t	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborator	ry?	No			
	subcontract laboratory specified by the client and if	-		Subcontract Lab	o: na	
	struction					
Cheff In	isti uction					

Date

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: E207144

Job Number: 21068-0001

Received: 7/20/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/28/22

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: 7/28/22

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Maljamar Transfer Line

Workorder: E207144

Date Received: 7/20/2022 10:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/20/2022 10:15:00AM, 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

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Cell: 775-287-1762

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Rayny Hagan

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Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	Reported:
PO Box 247	Project Number:	21068-0001	Keporteu:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/28/22 12:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS.26 B	E207144-01A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.27 B	E207144-02A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.28 B	E207144-03A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.29 B	E207144-04A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.30 B	E207144-05A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.31 B	E207144-06A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.32 B	E207144-07A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.33 B	E207144-08A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.34 B	E207144-09A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.35 B	E207144-10A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.36 B	E207144-11A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.37 B	E207144-12A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.38 B	E207144-13A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.39 B	E207144-14A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.40 B	E207144-15A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.41 B	E207144-16A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.42 B	E207144-17A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.43 B	E207144-18A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.44 B	E207144-19A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.45 B	E207144-20A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.BG1	E207144-21A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
CS.BG2	E207144-22A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.



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	7/28/2022 12:49:06PM

CS.26 B E207144-01

		E20/144-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	rrepared	Allalyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		123 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231030
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		102 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2231019
Chloride	ND	20.0	1	07/25/22	07/26/22	



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	7/28/2022 12:49:06PM

CS.27 B E207144-02

		220771102				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		119 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2231030
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		92.4 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2231019
Chloride	ND	20.0	1	07/25/22	07/26/22	
Chloride	ND	20.0	I	07/25/22	07/26/22	



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	7/28/2022 12:49:06PM

CS.28 B

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		117 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231030
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		95.2 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2231019
Chloride	ND	20.0	1	07/25/22	07/26/22	



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	7/28/2022 12:49:06PM

CS.29 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		117 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2231030
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		103 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2231019
· · · · · · · · · · · · · · · · · · ·	ND	20.0		07/25/22	07/26/22	



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	7/28/2022 12:49:06PM

CS.30 B

		E207144-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		115 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231030
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		110 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2231019
Chloride	ND	20.0	1	07/25/22	07/26/22	



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	7/28/2022 12:49:06PM

CS.31 B

E2071	44-0	6

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/26/22	
Toluene	ND	0.0250	1	07/22/22	07/26/22	
o-Xylene	ND	0.0250	1	07/22/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		114 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	07/22/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2231030
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		112 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2231019
· · · · · · · · · · · · · · · · · · ·	ND	20.0		07/25/22	07/26/22	



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	7/28/2022 12:49:06PM

CS.32 B

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	: IY		Batch: 2230103
ND	0.0250	1	07/22/22	07/27/22	
ND	0.0250	1	07/22/22	07/27/22	
ND	0.0250	1	07/22/22	07/27/22	
ND	0.0250	1	07/22/22	07/27/22	
ND	0.0500	1	07/22/22	07/27/22	
ND	0.0250	1	07/22/22	07/27/22	
	110 %	70-130	07/22/22	07/27/22	
mg/kg	mg/kg	Analys	: IY		Batch: 2230103
mg/kg ND	mg/kg 20.0	Analysi	:: IY 07/22/22	07/27/22	Batch: 2230103
		Analyst 1 70-130		07/27/22 07/27/22	Batch: 2230103
	20.0	1	07/22/22		Batch: 2230103
ND	20.0	70-130	07/22/22		
ND mg/kg	20.0 106 % mg/kg	70-130	07/22/22 07/22/22 :: JL	07/27/22	
ND mg/kg ND	20.0 106 % mg/kg 25.0	70-130	07/22/22 07/22/22 :: JL 07/26/22	07/27/22	
ND mg/kg ND	20.0 106 % mg/kg 25.0 50.0	1 70-130 Analyst 1 1	07/22/22 07/22/22 : JL 07/26/22 07/26/22 07/26/22	07/27/22 07/27/22 07/27/22	
	mg/kg ND ND ND ND ND ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0500 ND 0.0250	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 07/22/22 ND 0.0250 1 07/22/22 ND 0.0250 1 07/22/22 ND 0.0250 1 07/22/22 ND 0.0500 1 07/22/22 ND 0.0250 1 07/22/22 ND 0.0250 1 07/22/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 07/22/22 07/27/22 ND 0.0500 1 07/22/22 07/27/22 ND 0.0250 1 07/22/22 07/27/22 ND 0.0250 1 07/22/22 07/27/22



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	7/28/2022 12:49:06PM

CS.33 B

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231030
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		109 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2231019
Chloride	ND	20.0	-	07/25/22	07/26/22	



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	7/28/2022 12:49:06PM

CS.34 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		115 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231030
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		107 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2231019
Chloride	ND	20.0		07/25/22	07/26/22	



Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/28/2022 12:49:06PM

CS.35 B

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		115 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2231030
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		92.3 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2231019
Chloride	ND	20.0	1	07/25/22	07/26/22	



Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/28/2022 12:49:06PM

CS.36 B

E2071	44-1	1
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		117 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg mg/kg Analyst: IY		Batch: 2230103		
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231030
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		93.8 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	ng/kg mg/kg Analyst: RAS		yst: RAS		Batch: 2231019



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CS.37 B

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		116 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		114 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2231030
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		90.4 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2231019
-	ND	20.0		07/25/22	07/26/22	



Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/28/2022 12:49:06PM

CS.38 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231030
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	Ana	lyst: RAS		Batch: 2231019
	ND	20.0	-	07/25/22	07/26/22	· · · · · · · · · · · · · · · · · · ·



Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/28/2022 12:49:06PM

CS.39 B

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231030
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		89.2 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2231019
Chloride	ND	20.0		07/25/22	07/26/22	·



Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/28/2022 12:49:06PM

CS.40 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231030
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		87.4 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2231019
	ND	20.0		07/25/22	07/26/22	



Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/28/2022 12:49:06PM

CS.41 B

		E207144-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
o,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231030
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		90.4 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2231019
Chloride	ND	20.0	1	07/25/22	07/26/22	



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	7/28/2022 12:49:06PM

CS.42 B

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst	: IY		Batch: 2230103
ND	0.0250	1	07/22/22	07/27/22	
ND	0.0250	1	07/22/22	07/27/22	
ND	0.0250	1	07/22/22	07/27/22	
ND	0.0250	1	07/22/22	07/27/22	
ND	0.0500	1	07/22/22	07/27/22	
ND	0.0250	1	07/22/22	07/27/22	
	99.2 %	70-130	07/22/22	07/27/22	
mg/kg	mg/kg	Analyst	: IY		Batch: 2230103
mg/kg ND	mg/kg 20.0	Analyst	: IY 07/22/22	07/27/22	Batch: 2230103
				07/27/22 07/27/22	Batch: 2230103
	20.0	1	07/22/22		Batch: 2230103
ND	20.0 93.4 %	70-130	07/22/22		
ND mg/kg	20.0 93.4 % mg/kg	70-130	07/22/22 07/22/22 :: JL	07/27/22	
ND mg/kg ND	20.0 93.4 % mg/kg 25.0	70-130	07/22/22 07/22/22 :: JL 07/26/22	07/27/22	
ND mg/kg ND	20.0 93.4 % mg/kg 25.0 50.0	1 70-130 Analyst 1 1	07/22/22 07/22/22 : JL 07/26/22 07/26/22 07/26/22	07/27/22 07/27/22 07/27/22	
	mg/kg ND ND ND ND ND ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 07/22/22 ND 0.0250 1 07/22/22 ND 0.0250 1 07/22/22 ND 0.0250 1 07/22/22 ND 0.0500 1 07/22/22 ND 0.0500 1 07/22/22 ND 0.0250 1 07/22/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 07/22/22 07/27/22 ND 0.0500 1 07/22/22 07/27/22 ND 0.0250 1 07/22/22 07/27/22 ND 0.0250 1 07/22/22 07/27/22



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	7/28/2022 12:49:06PM

CS.43 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231030
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		91.4 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A		mg/kg	Anal	yst: RAS		Batch: 2231019
Anions by EPA 300.0/9056A	mg/kg					



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	7/28/2022 12:49:06PM

CS.44 B

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231030
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		89.8 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2231019
	ND	20.0	•	07/25/22	07/26/22	•



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	7/28/2022 12:49:06PM

CS.45 B

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		D am a				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2230103
Benzene	ND	0.0250	1	07/22/22	07/27/22	
Ethylbenzene	ND	0.0250	1	07/22/22	07/27/22	
Toluene	ND	0.0250	1	07/22/22	07/27/22	
o-Xylene	ND	0.0250	1	07/22/22	07/27/22	
p,m-Xylene	ND	0.0500	1	07/22/22	07/27/22	
Total Xylenes	ND	0.0250	1	07/22/22	07/27/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2230103
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	07/22/22	07/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2231030
Diesel Range Organics (C10-C28)	ND	50.0	2	07/26/22	07/27/22	
	ND	100	2	07/26/22	07/27/22	
Oil Range Organics (C28-C36)						
		88.7 %	50-200	07/26/22	07/27/22	
Oil Range Organics (C28-C36) Surrogate: n-Nonane Anions by EPA 300.0/9056A	mg/kg	88.7 % mg/kg		07/26/22 at: RAS	07/27/22	Batch: 2231019



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	7/28/2022 12:49:06PM

CS.BG1

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		97.6 %	70-130	07/22/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: JL		Batch: 2231027
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		87.4 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2231016
· · · · · · · · · · · · · · · · · · ·	ND	20.0		07/25/22	07/25/22	•



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	7/28/2022 12:49:06PM

CS.BG2

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		96.7 %	70-130	07/22/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2230100
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/22	07/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	07/22/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2231027
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		95.3 %	50-200	07/26/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2231016
Chloride	ND	20.0	1	07/25/22	07/25/22	



o-Xylene

Benzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Ethylbenzene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

LCS Dup (2230100-BSD1)

QC Summary Data

Transfer Line				
				Reported:
1				•
m				7/28/2022 12:49:06PM
8021B				Analyst: IY
	Rec Limits	RPD	RPD Limit	
kg %	%	%	%	Notes
		Prepared: 07	7/22/22 A	nalyzed: 07/25/22
99.9	70-130			
		Prepared: 07	7/22/22 A	analyzed: 07/25/22
90.5	70-130			
78.7	70-130			
85.0	70-130			
1	99.9 90.5 78.7	99.9 70-130 78.7 70-130	Prepared: 07 99.9 70-130 Prepared: 07 99.5 70-130 78.7 70-130	Prepared: 07/22/22 A 99.9 70-130 Prepared: 07/22/22 A 99.5 70-130 78.7 70-130

5.00

10.0

15.0

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

4.23

8.14

12.4

8.15

4.82

4.19

4.53

4.50

8.66

8.18

70-130

70-130

70-130

70-130

70-130

70-130

70-130

70-130

70-130

70-130

70-130

6.34 6.27

6.35

6.16

6.19

Prepared: 07/22/22 Analyzed: 07/25/22

20

20

20

20

84.6

81.4

82.5

102

96.4

83.8

90.6

89.9

86.6

	<u> </u>	•	
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	7/28/2022 12:49:06PM
	Valatila Ouga	ning by EDA 9021D	

Plains TX, 79355-0247		Project Manager:	To	m Bynum					7/28/2022 12:49:06PN
		Volatile O	rganics b			Analyst: IY			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2230103-BLK1)							Prepared: 0	7/22/22 A	nalyzed: 07/27/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.32		8.00		117	70-130			
LCS (2230103-BS1)							Prepared: 0	7/22/22 A	nalyzed: 07/27/22
Benzene	4.44	0.0250	5.00		88.8	70-130			
Ethylbenzene	4.40	0.0250	5.00		88.1	70-130			
Toluene	4.48	0.0250	5.00		89.6	70-130			
-Xylene	4.56	0.0250	5.00		91.1	70-130			
o,m-Xylene	8.94	0.0500	10.0		89.4	70-130			
Total Xylenes	13.5	0.0250	15.0		90.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.48		8.00		119	70-130			
LCS Dup (2230103-BSD1)							Prepared: 0	7/22/22 A	nalyzed: 07/27/22
Benzene	4.45	0.0250	5.00		89.0	70-130	0.226	20	
Ethylbenzene	4.42	0.0250	5.00		88.4	70-130	0.356	20	
Coluene	4.52	0.0250	5.00		90.4	70-130	0.832	20	
o-Xylene	4.60	0.0250	5.00		92.0	70-130	0.961	20	
o,m-Xylene	8.99	0.0500	10.0		89.9	70-130	0.585	20	
	13.6	0.0250	15.0		90.6	70-130	0.712	20	
Total Xylenes	15.0	0.0230	15.0		70.0	,0150	0.712	20	



Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Maljamar Transfer Line 21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/28/2022 12:49:06PM

Plains TX, 79355-0247		Project Manager:		m Bynum					7/28/2022 12:49:06PM
	Non	halogenated (Organics l	oy EPA 801	15D - Gl	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2230100-BLK1)							Prepared: 0	7/22/22 A	nalyzed: 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: 0	7/22/22 A	nalyzed: 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: 0	7/22/22 A	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			

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	7/28/2022 12:49:06PM

Plains TX, 79355-0247		Project Manager:		m Bynum					7/28/2022 12:49:06PM
	Non	halogenated (Organics l	by EPA 801	15D - Gl	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2230103-BLK1)							Prepared: 0	7/22/22	Analyzed: 07/27/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.03		8.00		113	70-130			
LCS (2230103-BS2)							Prepared: 0	7/22/22	Analyzed: 07/27/22
Gasoline Range Organics (C6-C10)	54.1	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.03		8.00		113	70-130			
LCS Dup (2230103-BSD2)							Prepared: 0	7/22/22	Analyzed: 07/27/22
Gasoline Range Organics (C6-C10)	55.5	20.0	50.0		111	70-130	2.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.07		8.00		113	70-130			

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	7/28/2022 12:49:06PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				7	7/28/2022 12:49:06PM
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231027-BLK1)							Prepared: 0	7/26/22 Ar	nalyzed: 07/26/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.0		50.0		108	50-200			
LCS (2231027-BS1)							Prepared: 0	7/26/22 Ar	nalyzed: 07/26/22
Diesel Range Organics (C10-C28)	242	25.0	250		96.7	38-132			
Surrogate: n-Nonane	54.2		50.0		108	50-200			
Matrix Spike (2231027-MS1)				Source:	E207136-0	05	Prepared: 0	7/26/22 Ar	nalyzed: 07/26/22
Diesel Range Organics (C10-C28)	185	50.0	250	ND	74.1	38-132			
Surrogate: n-Nonane	61.0		50.0		122	50-200			
Matrix Spike Dup (2231027-MSD1)				Source:	E207136-0	05	Prepared: 0	7/26/22 Ar	nalyzed: 07/26/22
Diesel Range Organics (C10-C28)	284	50.0	250	ND	113	38-132	42.0	20	R3
Surrogate: n-Nonane	60.1		50.0		120	50-200			



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	7/28/2022 12:49:06PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					7/28/2022 12:49:06PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231030-BLK1)							Prepared: 0	7/26/22 A	Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.9		50.0		108	50-200			
LCS (2231030-BS1)							Prepared: 0	7/26/22 A	Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	266	25.0	250		107	38-132			
Surrogate: n-Nonane	53.9		50.0		108	50-200			
Matrix Spike (2231030-MS1)				Source:	E207144-	05	Prepared: 0	7/26/22 A	Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			
Matrix Spike Dup (2231030-MSD1)				Source:	E207144-	05	Prepared: 0	7/26/22 A	Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	304	25.0	250	ND	122	38-132	15.9	20	
Surrogate: n-Nonane	61.1		50.0		122	50-200			



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Maljamar Trans 21068-0001	fer Line				Reported:
Plains TX, 79355-0247		Project Manager: Tom Bynum					7/28/2022 12:49:06PM		
		Anions	by EPA	300.0/9056	1				Analyst: IY
nalyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

					Prepared: 07	7/25/22 Analyzed: 07/25/22	2
ND	20.0						
					Prepared: 07	7/25/22 Analyzed: 07/25/22	2
245	20.0	250	97.8	90-110			
			Source: E207140-0	1	Prepared: 07	7/25/22 Analyzed: 07/25/22	2
249	20.0	250	ND 99.4	80-120			
			Source: E207140-0	1	Prepared: 07	7/25/22 Analyzed: 07/25/22	2
	245	245 20.0	245 20.0 250	245 20.0 250 97.8 Source: E207140-0	245 20.0 250 97.8 90-110 Source: E207140-01 249 20.0 250 ND 99.4 80-120	ND 20.0 Prepared: 07 245 20.0 250 97.8 90-110 Source: E207140-01 Prepared: 07	Prepared: 07/25/22 Analyzed: 07/25/22 245 20.0 250 97.8 90-110 Source: E207140-01 Prepared: 07/25/22 Analyzed: 07/25/22 Analyze



Pima Environmental Services-Carlsbac PO Box 247	1	Project Name: Project Number:		Maljamar Trans 21068-0001	sfer Line				Reported:
Plains TX, 79355-0247		Project Manager		Гот Вупит					7/28/2022 12:49:06PM
		Anions	by EPA	300.0/9056	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231019-BLK1)							Prepared: 0)7/25/22 A	analyzed: 07/26/22
Chloride	ND	20.0							
LCS (2231019-BS1)							Prepared: 0	7/25/22 A	nalyzed: 07/26/22
Chloride	242	20.0	250		96.8	90-110			
Matrix Spike (2231019-MS1)				Source:	E207144-	01	Prepared: 0	7/25/22 A	nalyzed: 07/26/22
Chloride	244	20.0	250	ND	97.7	80-120			
Matrix Spike Dup (2231019-MSD1)				Source:	E207144-	01	Prepared: 0	7/25/22 A	nalyzed: 07/26/22
Chloride	246	20.0	250	ND	98.4	80-120	0.662	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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Maljamar Transfer Line	
1	PO Box 247	Project Number:	21068-0001	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/28/22 12:49

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

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

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Chain of Custody

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lient: Pima Environmental Services	Bill To				La	b Us	e Onl	У				TAT		EPA P	rogram
Project: Maljamar Transfer Live	Attention: COUR		Lab \	WO#		-	Job N	lumb	er .	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum	Address:		ES	707	14	1	20	07-	1000				X		
Address: 5614 N. Lovington Hwy.	City, State, Zip		V						d Metho	d					RCRA
City, State, Zip Hobbs, NM, 88240	Phone:														1
Phone: 580-748-1613	Email:		115	115						1				State	
mail: tom@pimaoil.com			3y 8C	y 80	21	0		0.0		Σ				UT AZ	TX
Report due by:	Pima Project # 6-68		RO	RO	v 80	826	601	e 30			¥		X		
Time Date Matrix No. of Containers Sample ID		Lab Number	DRO/ORO by	GRO/DRO by	ВТЕХ ЬУ 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос			Remarks	
11:20 7/18/22 S CS. 20	o B									X					
		2		-						1					
11:25 CS. Z	B									++		+	_		
11:30 OS.28	B	3	Ш							11		\sqcup			
11:35 CS. 24	\mathcal{B}	4													
11:40 (9.36		5													
11:46 CS. 3	B	6													
11:50 CS. 3:	B	7													
11:55 CS. 3	3 B	8													
12:DD CS. 3		9													
12:05 CS: 3		10								1					
Additional Instructions:	1														
I, (field sampler), attest to the validity and authenticity of this sai		belling the sampl	e locat	ion,									eived on ice the day o'C on subsequent o		led or received
date of time of collection is considered fraud and may be ground		Date	-1-	Time	2	16	-			1	Lab (Jse On	ly		
Akandra landers 7/19/22	3:15	T	94) ·	4		Rec	eive	d on ice	220.23	Y				
Refuguished by (Signature)	Time 16 Received by Signature 1	7/20	12	10	0:/	5	T1_			<u>T2</u>			<u>T3</u>		
Relinquished by: (Signature) Date	Time Received by: (Signature)	Date		Time			AVC	5 Ter	np °C	4					
Sample Matric: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - O	her	Containe	er Typ	E B	glass)p -	poly/p	lastic	, ag - an	ber gl	ass, v	- VOA			
Note: Samples are discarded 30 days after results are rec	orted unless other arrangements are made. Hazardo	ous samples wi	ll be re	eturne	ed to c	lient	or disp	osed o	of at the c	lient ex	kpense	e. The r	eport for the ar	nalysis of the	above
samples is applicable only to those samples received by t	e laboratory with this COC. The liability of the labora	tory is limited	to the	amou	int pa	id for	on the	repor	t.						

to r disposed of at the client expense. The report for the analysis of the above or on the report.

Cenvirotech

Client: D	mo Envi	ronmon	al Sonii	205		∩ Bill To				La	b Us	e Onl	٧				TA	T		EPA Pr	ogram
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	e, Zip Ho)	Pho	one:													1	Charles	
Phone:	580-748-	1613			Em	ail:		015	015									NINAL	CO	State	TVI
	tom@pin	naoil.com	n		Pi	ma Project # 6-68		by 8	by 8	021	097	9	300.0		Σ×	×		X	CU	UT AZ	17
Report d						THE PROJECT OF UP	Lab	ORO ORO	DRO	by 8	y 82	ls 60	ide 3					LX.I			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		верос	BGDOC				Remarks	
12:10	7/18/22	5'		45.36	В		11								X						
12:15	1	1		CS. 37	B		12								1						
12:20				CS. 38	B		13														
12:25				CS.39	В		14								\coprod						
12:30				PS. 40	75.		15								1						
12:35				CS. 41	В		16								\prod						
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12:45				CS. 4:	B		18								\parallel						
12:50				CS. 44			19								1						
12:58	1 - 1			CS. 45	B		20														
	nal Instru	tions:																			
						that tampening with or intentionally misla	belling the samp	ple loca	tion,									eceived on ice to 6 °C on subseq			oled or received
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MULL	ed by: (Sign	molan	7		:15	100	7-	Sa	1	31	17	Rec	eive	d on ice:		1/4					
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Relinquis	ned by: (Sigi	ature)	Dat		ne	Received by: (Signature)	Date		Time	е		AVO	G Te	mp °C	4						
Sample M	trik: S - Soil	d - Solid Se	- Sludge A -	Aqueous, O - Othe			Contair	ner Ty	pe g	glass)p-	poly/p	lasti	c, ag - am	ber g	lass, 1	- VOA	V			
Note: Sar	noles are di	carded 30	days after i	results are report	ed unless of	her arrangements are made. Hazard	ous samples w	vill be r	eturne	ed to c	lient	or disp	osed	of at the cl	ient e	xpens	e. The	report for t	he an	alysis of the	e above
samples i	s applicable	only to the	se samples	received by the	aboratory v	vith this COC. The liability of the labor	atory is limited	to the	amou	ınt pai	id for	on the	repo	rt.							

tor disposed of at the client expense. The report for the analysis of the above or on the report.

Cenvirotech

Project Information

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Chain of Custody

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hone:	e, Zip Ho 580-748- tom@pin	1613				Phone: Email: Pima Project # (p - 68		(O by 8015	tO by 8015	8021	8260	6010	e 300.0		NM	¥			NW CO	State UT AZ	TX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO	GRO/DRO	втех ву 8021	VOC by 8260	Metals 6010	Chloride 300.0		ВСВОС	BGDOC				Remarks	
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	nai Instru				-1- 1	vare that tampering with or intentionally mislab	elling the same	le local	ion.			Sample	es requ	dring therma	preserv	ation m	ust be n	eceived	on ice the day	they are sam	pled or received
date or tin	e of collectio	n is consider	red fraud and	may be grounds	for legal act	tion. Sampled by WEX KI	Date/	1/2	Time			packed	d in ice	at an avg te			loss than Jse Ol		n subsequent d	ays.	
	hed by: (Sig		Dat Z	119/22	Time 5:15	Received by: (signature)	Data (7		3	2	Rec	eive	d on ice	C	Ž1	N .				Andrew State of the State of th
		(A)(1)(e)	Dali	1-19-02	Time it	Received by Signature)	7/20/	w	/C	<u>);/S</u>	5	n			12				13		
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Sample M	atrix (\$ - Soil)	Sd - Solid, Sg	g - Sludge, A -	Aqueous, O - Ot	her		Contain	er Typ	Dec E	glas	<u> </u>	poly/p	lasti	c, ag - am	per gl	ass, v	- VUA	1	rt for the ar	alucic of th	e above
Note: Sa	mples are di	scarded 30	days after	results are repo	orted unles se laborato	s other arrangements are made. Hazardo ry with this COC. The liability of the laborar	us samples w tory is limited	ill be r	eturno amou	ea to c unt pa	id for	or aispo on the	repo	or at the C rt.	ient e)	chause	. ine	iebo	it ioi uie di	iaiyəiə Ui lii	. 40046



envirotech Inc.

Printed: 7/22/2022 1:03:39PM

Envirotech Analytical Laboratory

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:	07/20/22 10	:15	Work	Order ID:	E207144
Phone:	(575) 631-6977	Date Logged In:	07/21/22 12	:13	Logge	ed In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	07/26/22 17	:00 (4 day TAT)			
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC) e sample ID match the COC? e number of samples per sampling site location manumples dropped off by client or carrier? c COC complete, i.e., signatures, dates/times, request samples received within holding time?		Yes Yes Yes Yes Yes	Carrier: <u>U</u>	JPS		
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		103	ı		Comment	s/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project has been	n seperat	ed into 3 reports
Sample C	•		103		=	_	es. Workorders are
	ample cooler received?		Yes		as follows:	or sumpre	cs. Workorders are
	was cooler received in good condition?		Yes			100	CE T2051 42 COC
• 1	e sample(s) received intact, i.e., not broken?		Yes				of 7, E207143 COC
	custody/security seals present?		No		pg 3&4 of 7, E2	207144 C	COC pg 5,6&7 of 7.
	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	ontainer_						
14. Are ac	jueous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers'	?	Yes				
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes				
Sa Da	iel field sample labels filled out with the minimum info imple ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes No				
Sample P	reservation		110				
21. Does t	he COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does t	he sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
28. Are sa	act Laboratory mples required to get sent to a subcontract laborato subcontract laboratory specified by the client and it	•	No NA S	Subcontract Lab	o: na		
Client In	struction						

Date

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

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

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 130982

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	130982
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

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