	Page 1 of 2.	56
Incident ID	nAPP2221329700	
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?	51-100' (ft bgs)								
Did this release impact groundwater or surface water?	Yes X No								
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X 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 X 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 X No								
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes k No								
Are the lateral extents of the release within 300 feet of a wetland?	Yes X 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.									
 X Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well x Field data X Data table of soil contaminant concentration data X Depth to water determination X Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release X Boring or excavation logs X Photographs including date and GIS information X Topographic/Aerial maps 	ls.								

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.

Laboratory data including chain of custody

Received by OCD: 7/11/2023 12:00:26 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

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				1	

Incident ID	nAPP2221329700
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.										
Printed Name: Dale Woodall	Title: Environmental Professional									
Signature: Dals Woodall	Date:									
email:dale.woodall@dvn.com	Telephone: 575-748-1839									
OCD Only										
Received by: _Shelly Wells	Date:7/11/202:									

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Incident ID	nAPP2221329700
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 is	tems must be included in the closure report.
X A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
X 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
X Laboratory analyses of final sampling (Note: appropriate ODC	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 should their operations have failed to adequately investigate and rerhuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the OPrinted Name: Dale Woodall Signature: Dale Woodall	ntions. The responsible party acknowledges they must substantially inditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete. Title: Environmental Professional Date: 7/10/2023
email:dale.woodall@dvn.com	Telephone: 575-748-1839
OCD Only	
Received by: _Shelly Wells	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:
Printed Name:	Title:



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

July 6, 2023

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

LVP Line 975 Feet West of Longview Fed 6 #11

API No. N/A

GPS: Latitude 32.40660 Longitude -104.03297

UL A, Section 1, T23S, R28E

Eddy County, NM

NMOCD Ref. No. NAPP2221329700

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production, LLC. (Devon) to perform a spill assessment, remediation, and submit this closure report for a produced water release that occurred at the LVP Line 975 Feet West of Longview Fed 6 #11 (LVP). The initial C-141 was submitted on August 2, 2022 (Appendix C). This incident was assigned Incident ID NAPP2221329700 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The LVP is located approximately eleven (11) miles east of Carlsbad, NM. This spill site is in Unit A, Section 1, Township 23S, Range 28E, Latitude 32.40660 Longitude -104.03297, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology Includes scattered lacustrine, playa, and alluvial deposits of the Tahoka, Double Tanks, Tule, Blanco, Blackwater Draw, and Gatuna Formations, the latter of which may be Pliocene at base; outcrops, however, are basically of Quaternary deposits. The soil in this area is made up of Pooter-Simona Complex, 5 to 25 percent slopes and Simona-Bippus complex, 0 to 5 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 medium potential for karst geology to be present around the LVP (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 55 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 120 feet BGS. The closest waterway is the Pecos River located approximately 1.62 miles to the southwest 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>NAPP2221329700:</u> On July 31, 2022, approximately 975 feet west of the Longview Fed 6 #11, a 4' poly pipeline sprung a leak resulting in fluid released from poly pipeline into the pipeline right of way. The released fluids were calculated to be approximately 27.4 barrels (bbls) of produced water. A vacuum truck was called and recovered 5 bbls of standing fluid.

Site Assessment and Soil Sampling Results

On August 30 and September 13, 2022, Pima mobilized personnel to the site to assess the area. Pima sampled the impacted area. Laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

8-30 & 9-23-2022 Soil Sample Results

8-30 & 9-23-2022 Soil Sample Results												
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') DEVON ENERGY - LVP LINE W OF LONGVIEW FED 6 #11												
		DEVO	N ENERGY	- LVP LINE W				la.				
		Depth	BTEX	Benzene	GRO	oved Labora DRO	MRO	Total TPH	Cl			
Sample ID	Sample Date	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
	8/30/2022	1'	ND	ND	ND	ND	ND	0	16300			
	9/13/2022	4'	ND	ND	ND	ND	ND	0	17800			
S-1	9/13/2022	5'	ND	ND	ND	ND	ND	0	229			
	9/13/2022	6'	ND	ND	ND	ND	ND	0	ND			
S-2	8/30/2022	1'	ND	ND	ND	ND	ND	0	25200			
	9/13/2022	2.5'	ND	ND	ND	ND	ND	0	72.7			
S-3	8/30/2022	1'	ND	ND	ND	ND	ND	0	22500			
	8/30/2022	1'	ND	ND	ND	ND	ND	0	12900			
S-4	9/13/2022	2'	ND	ND	ND	ND	0	0	829			
	9/13/2022	3' 1'	ND	ND	ND	ND	0	0	17700			
S-5	8/30/2022 8/30/2022	1'	ND ND	ND ND	ND ND	ND ND	ND ND	0	25700 7110			
S-6	9/13/2022	3'	ND	ND ND	ND	ND ND	ND	0	231			
	9/13/2022	4'	ND	ND	ND	ND	ND	0	ND			
S-7	8/30/2022	1'	ND	ND	ND	ND	ND	0	12300			
	8/30/2022	1'	ND	ND	ND	ND	ND	0	14100			
S-8	9/13/2022	2'	ND	ND	ND	ND	ND	0	2720			
	9/13/2022	3'	ND	ND	ND	ND	ND	0	ND			
	9/13/2022	4'	ND	ND	ND	ND	ND	0	1230			
S-9	9/13/2022	5'	ND	ND	ND	ND	ND	0	830			
	9/13/2022	6'	ND	ND	ND	ND	ND	0	ND			
	9/13/2022	3'	ND	ND	ND	ND	ND	0	31100			
S-10	9/13/2022	4'	ND	ND	ND	ND	ND	0	18900			
	9/13/2022	5'	ND	ND	ND	ND	ND	0	2180			
S-13	9/13/2022	5'	ND	ND	ND	ND	ND	0	116			
	9/13/2022	6'	ND	ND	ND	ND	ND	0	189			
S-15	9/13/2022	6'	ND	ND	ND	ND	ND	0	198			
	9/13/2022	8'	ND	ND	ND	ND	ND	0	ND			
S-16	9/13/2022	5'	ND	ND	ND	ND	ND	0	ND			
SW 1	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 2	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	30.3			
SW 3	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 4	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 5	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 6	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	130			
	 											
SW 7	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	505			
SW 8	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	211			
SW 9	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	238			
SW 10	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 11	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 12	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 13	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 14	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 15	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
		0-6"	ND	ND	ND	ND	ND	0	ND			
SW 16	8/30/2022											
SW 17	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 18	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 19	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	20.3			
SW 20	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			
SW 21	8/30/2022	0-6"	ND	ND	ND	ND	ND	0	ND			

ND- Analyte Not Detected

Remediation Activities

On May 18, 2023, Devon Construction Department mobilized personnel and equipment to conduct remedial activities. They excavated the area to 4' BGS. Pima personnel collected samples to verify all contaminated soil had been removed. Approximately 7,407 cubic yards of contaminated soil was hauled to an approved, lined disposal facility and clean backfill material was brought in. A variance request was submitted to the OCD and approved on February 14, 2023, application (185638)

On May 24, 2023, after sending a 48-hour notification (Appendix C), Pima began to collect confirmation samples of the excavated areas from every 500 square ft according to the approved variance. Laboratory results of this sampling event can be found in the following data table. A Confirmation Sample Map can be found in Figure 5.

5-25 & 6-5-2023 Confirmation Sample Results

5-25 & 6-5-2023 Commitmation Sample Results										
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')										
Sample Date: 6/5/2023		DEVON ENERGY - LVP LINE W OF LONGVIEW FED 6 #11 O23 & NM Approved Laboratory Results								
Sample ID	Depth (BGS)	BTEX mg/kg								
CS 1	4'	ND	ND	ND	ND	ND	0	ND		
CS 2	4'	ND	ND	ND	ND	ND	0	ND		
CS 3	4'	ND	ND	ND	ND	ND	0	ND		
CS 4	4'	ND	ND	ND	ND	ND	0	ND		
CS 5	4'	ND	ND	ND	ND	ND	0	ND		
CS 6	4'	ND	ND	ND	ND	ND	0	ND		
CS 7	4'	ND	ND	ND	ND	ND	0	ND		
CS 8	4'	ND	ND	ND	ND	ND	0	ND		
CS 9	4'	ND	ND	ND	ND	ND	0	ND		
CS 10	4'	ND	ND	ND	ND	ND	0	ND		
CS 11	4'	ND	ND	ND	ND	ND	0	ND		
CS12	4'	ND	ND	ND	ND	ND	0	ND		
CS13	4'	ND	ND	ND	ND	ND	0	ND		
CS14	4'	ND	ND	ND	ND	ND	0	ND		
CS15	4'	ND	ND	ND	ND	ND	0	ND		
CS16	4'	ND	ND	ND	ND	ND	0	ND		
CS17	4'	ND	ND	ND	ND	ND	0	ND		
CS18	4'	ND	ND	ND	ND	ND	0	ND		
CS19	4'	ND	ND	ND	ND	ND	0	ND		
CS20	4'	ND	ND	ND	ND	ND	0	ND		
CS21	4'	ND	ND	ND	ND	ND	0	ND		
CSW 1	4'	ND	ND	ND	ND	ND	0	ND		
CSW 2	4'	ND	ND	ND	ND	ND	0	ND		
CSW 3	4'	ND	ND	ND	ND	ND	0	ND		
CSW 4	4'	ND	ND	ND	ND	ND	0	ND		

CSW 5									
CSW 7	CSW 5	4'	ND	ND	ND	ND	ND	0	ND
CSW 8	CSW 6	4'	ND	ND	ND	ND	ND	0	ND
CSW 9	CSW 7	4'	ND	ND	ND	ND	ND	0	ND
CSW 10	CSW 8		ND	ND	ND	ND	ND	0	ND
CSW 11	CSW 9		ND	ND	ND	ND	ND		ND
CSW 12									
CSW 13			 	 	 				
CSW 14									
CSW 15	:	!	i	ł	1		: :		: :
CSW 16									
CSW 17									
CSW 18									
CSW 19	CSW 17	<u> </u>	ND	ND	ND	ND	ND		ND
CSW 20	CSW 18	4'	ND	ND	ND	ND	ND	0	ND
CSW21	CSW 19	4'	ND	ND	ND	ND	ND	0	ND
CSW22 4' ND ND ND ND ND O ND CSW25 4' ND	CSW 20	4'	ND	ND	ND	ND	ND	0	ND
CSW23	CSW21	4'	ND	ND	ND	ND	ND	0	ND
CSW24 4' ND ND	CSW22	4'	ND	ND	ND	ND	ND	0	ND
CSW25 4' ND ND	CSW23	4'	ND	ND	ND	ND	ND	0	ND
CSW26 4' ND ND ND ND ND 0 ND CSW27 4' ND	CSW24	4'	ND	ND	ND	ND	ND	0	ND
CSW27 4' ND ND	CSW25	4'	ND	ND	ND	ND	ND	0	ND
CSW28 4' ND ND	CSW26	4'	ND	ND	ND	ND	ND	0	ND
CSW29 4¹ ND ND	CSW27	4'	ND	ND	ND	ND	ND	0	ND
CSW29 4' ND ND	CSW28	4'	ND	ND	ND	ND	ND	0	ND
CSW31	CSW29	4'	ND	ND	ND	ND	ND	0	ND
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CSW32 4' ND ND ND ND ND O ND CSW33 4' ND		4'							
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CSW35 4' ND ND ND ND ND O ND CSW36 4' ND									
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CSW43 4' ND ND ND ND ND O ND CSW44 4' ND									
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CSW45 4' ND ND ND ND ND 0 ND CSW46 4' ND		 			1				'——
CSW46 4' ND ND ND ND ND 0 ND CSW47 4' ND ND ND ND ND ND ND ND	CSW44		ND	ND	ND	ND	ND	0	ND
CSW47 4' ND ND ND ND 0 ND	CSW45	4'	ND	ND	ND	ND	ND	0	ND
	CSW46	4'	ND	ND	ND	ND	ND	0	ND
CSW48 4' ND ND ND ND 0 ND	CSW47	4'	ND	ND	ND	ND	ND	0	ND
	CSW48	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 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, NAPP2221329700, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

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:

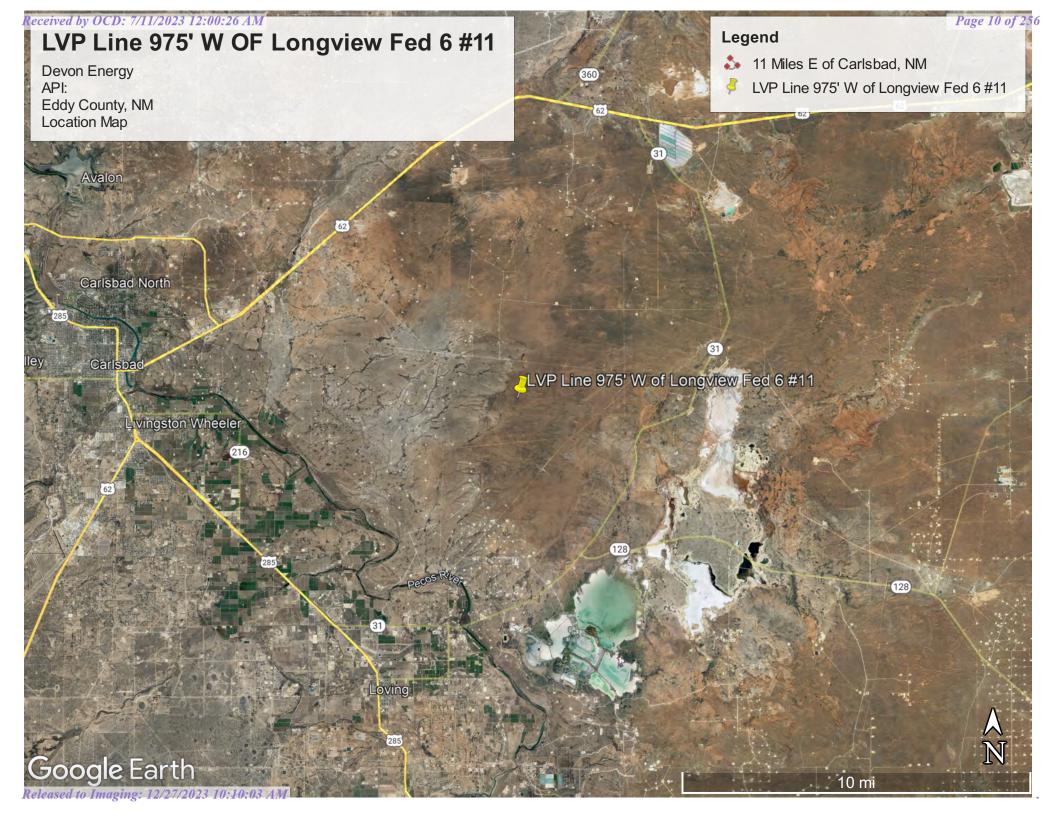
1-Location Map

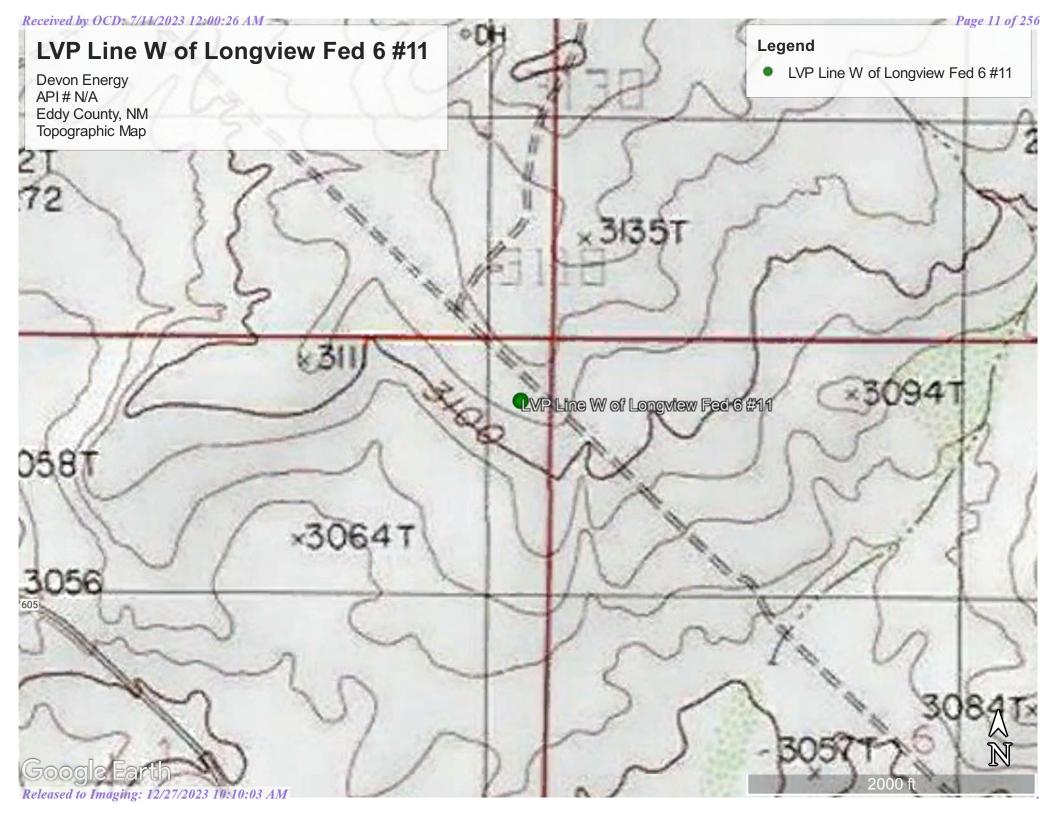
2-Topographic Map

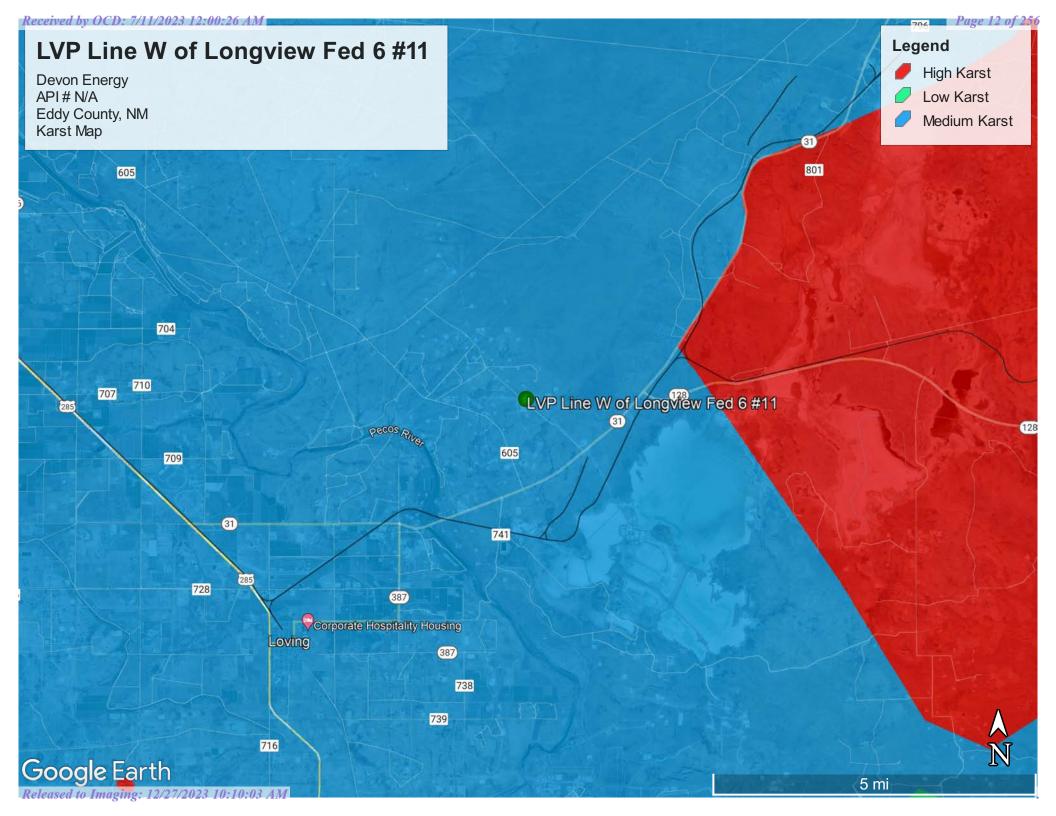
3-Karst Map

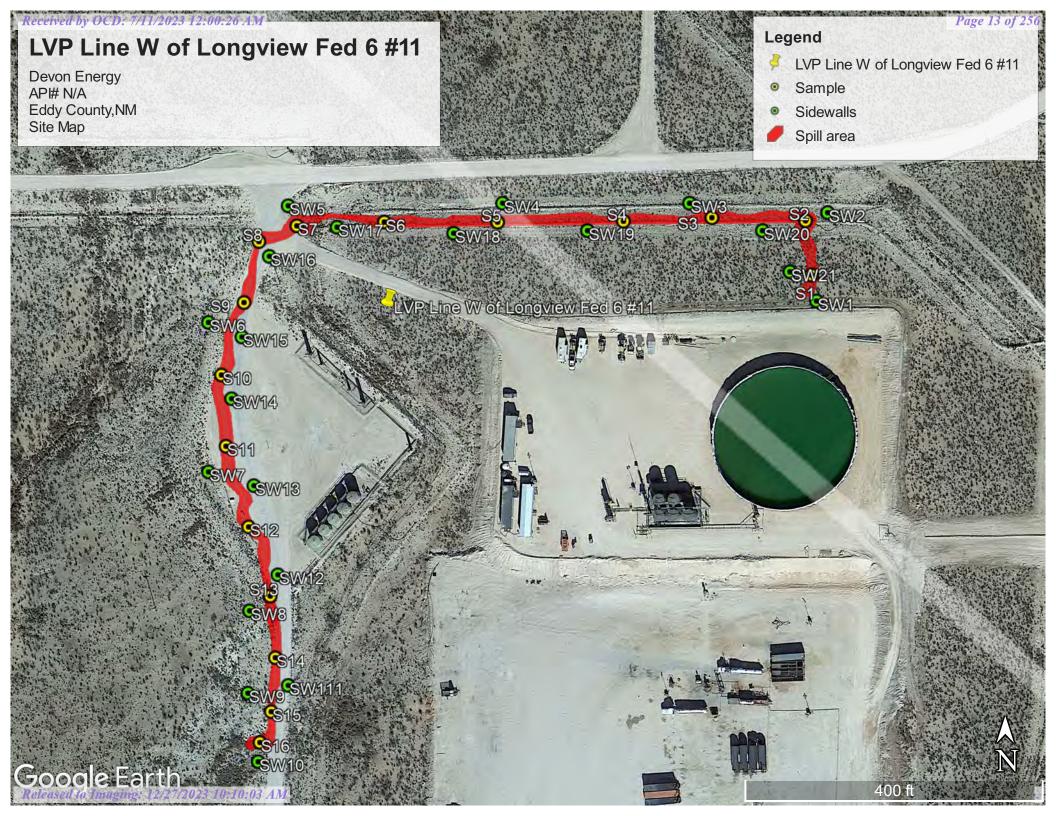
4-Site Map

5-Confirmation Sample Map









Devon Energy AP# N/A Eddy County,NM Confirmation Sample Map

Legend

- Confirmation Sample
- Confirmation Sidewalls
- LVP Line W of Longview Fed 6 #11





Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed)

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

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

(In feet)

		POD												
		Sub-		Q	Q (9								Water
POD Number	Code	basin	County	64	16	4 S	ec	Tws	Rng	X	Y	DistanceDep	thWellDepthWa	ter Column
<u>C 04539 POD1</u>		CUB	ED	2	4	2 (01	23S	28E	591034	3578223	273	55	
C 04524 POD1		CUB	ED	1	1 2	2 (01	23S	28E	590452	3578629	460	55	
C 04609 POD1		CUB	ED	2	1	1 (01	23S	28E	589816	3578589	1067	51	
<u>C 04417 POD1</u>		CUB	ED	4	3	3 3	36	22S	28E	589736	3578874	1216	55	
C 04418 POD1		CUB	ED	4	2	1 1	12	23S	28E	590104	3576851	1770	55	
C 04470 POD1		CUB	ED	3	1 .	3 (07	23S	29E	591280	3576086	2393		
C 04584 POD1		CUB	ED	3	1 4	4 1	12	23S	28E	590392	3576064	2429	63	
<u>C 02804</u>		CUB	ED		2	1 (80	23S	29E	593262	3576905*	2841	100	
<u>C 02805</u>		CUB	ED		2	1 (80	23S	29E	593262	3576905*	2841	100	

Average Depth to Water:

Minimum Depth:

Maximum Depth:

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 590874.15 **Northing (Y):** 3578444.86 **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.

8/25/22 1:40 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

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



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:	
obdo Water Nebources	Groundwater	✓ United States	∨ 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 =

• 322547104035001

Minimum number of levels = 1

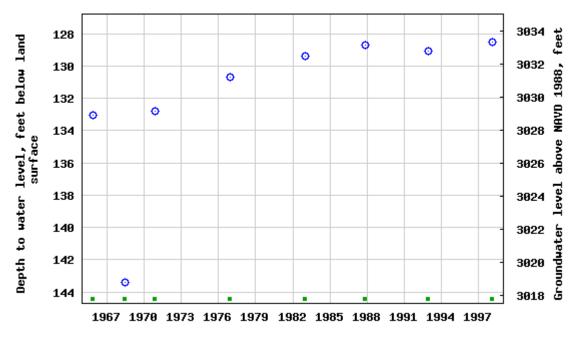
Save file of selected sites to local disk for future upload

USGS 322547104035001 22S.28E.02.11111

Available data for this site Gr	roundwater:	Field measurements	∨
Eddy County, New Mexico			
Hydrologic Unit Code 130600)11		
Latitude 32°25'47", Longitud	de 104°03	3'50" NAD27	
Land-surface elevation 3,162	? feet abo	ve NAVD88	
This well is completed in the	Other aqu	uifers (N9999OTH	IER) national aquifer.
This well is completed in the	Rustler Fo	ormation (312RSI	LR) local aquifer.

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

USGS 322547104035001 225.28E.02.11111



- Period of approved data

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

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

Accessibility

FOIA

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Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

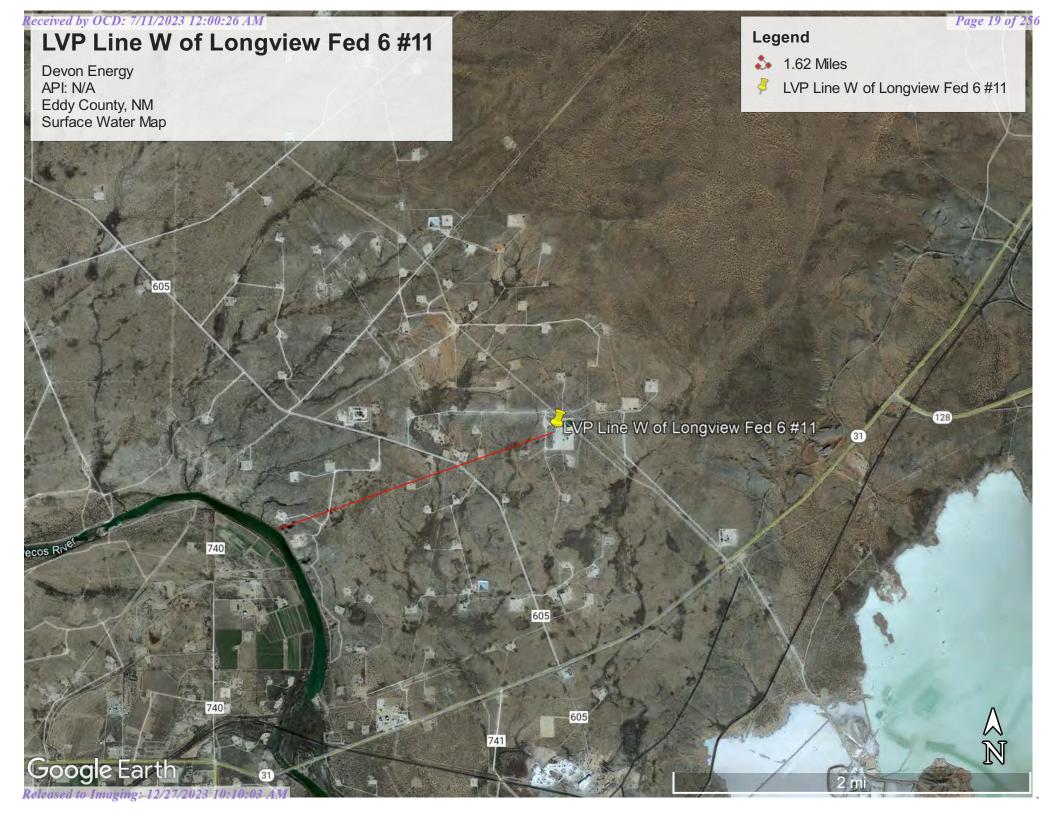
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

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

Page Last Modified: 2022-08-02 17:09:30 EDT

0.54 0.47 nadww02







Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

Eddy Area, New Mexico

PS—Potter-Simona complex, 5 to 25 percent slopes

Map Unit Setting

National map unit symbol: 1w57 Elevation: 2,750 to 5,000 feet

Mean annual precipitation: 8 to 16 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Potter and similar soils: 80 percent Simona and similar soils: 15 percent Minor components: 5 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Potter

Setting

Landform: Ridges, hills

Landform position (two-dimensional): Shoulder, backslope,

footslope, toeslope

Landform position (three-dimensional): Side slope, crest, nose

slope, head slope Down-slope shape: Convex Across-slope shape: Linear Parent material: Alluvium

Typical profile

H1 - 0 to 10 inches: gravelly loam
H2 - 10 to 60 inches: cemented material

Properties and qualities

Slope: 5 to 25 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low

to moderately low (0.00 to 0.06 in/hr) Depth to water table: More than 80 inches

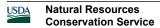
Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 60 percent Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.2 inches)



Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R042XC025NM - Shallow

Hydric soil rating: No

Description of Simona

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 11 inches: gravelly fine sandy loam H2 - 11 to 19 inches: gravelly fine sandy loam H3 - 19 to 60 inches: cemented material

Properties and qualities

Slope: 5 to 10 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low

to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 2.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: D

Ecological site: R042XC002NM - Shallow Sandy

Hydric soil rating: No

Minor Components

Simona

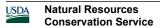
Percent of map unit: 3 percent

Ecological site: R042XC002NM - Shallow Sandy

Hydric soil rating: No

Rock outcrop

Percent of map unit: 2 percent



Map Unit Description: Potter-Simona complex, 5 to 25 percent slopes---Eddy Area, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021

Eddy Area, New Mexico

SM—Simona-Bippus complex, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1w5x Elevation: 1,800 to 5,000 feet

Mean annual precipitation: 8 to 24 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 55 percent Bippus and similar soils: 30 percent Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Simona

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam

H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low

to moderately low (0.00 to 0.06 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

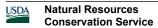
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: D



Ecological site: R042XC002NM - Shallow Sandy

Hydric soil rating: No

Description of Bippus

Setting

Landform: Flood plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Mixed alluvium

Typical profile

H1 - 0 to 37 inches: silty clay loam H2 - 37 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 5 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches Frequency of flooding: OccasionalNone

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 8.7

inches)

Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: B

Ecological site: R042XC017NM - Bottomland

Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 8 percent

Ecological site: R042XC002NM - Shallow Sandy

Hydric soil rating: No

Bippus

Percent of map unit: 7 percent

Ecological site: R042XC017NM - Bottomland

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021

Received by OCD: 7/11/2023 12:00:26 AM National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway

> depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average

Area with Flood Risk due to Levee Zone D

NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs

OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL**

STRUCTURES | LILLIL Levee, Dike, or Floodwall

20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline Profile Baseline**

Hydrographic Feature

No Digital Data Available

an authoritative property location.

Digital Data Available

OTHER

FEATURES

MAP PANELS Unmapped

> The pin displayed on the map is an approximate point selected by the user and does not represent

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 8/25/2022 at 4:01 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.



1:6.000



Wetlands Map



October 14, 2022

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

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



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	nAPP2221329700
District RP	
Facility ID	
Application ID	_

Release Notification

Responsible Party

)			OGRID ₆	137		
Contact Name Dale Woodall		Contact To	elephone 405-3	18-4697		
Contact emai	l dale.woo	odall@dvn.com		Incident #	(assigned by OCD)	nAPP2221329700
Contact mail	ing address	6488 Seven Riv	ers Hwy Artesia	a, NM 88210		
			Location o	of Release S	ource	
atitude 32	.40660			Longitude	-104.0329	97
antude			(NAD 83 in decir	nal degrees to 5 decir	mal places)	
Site Name _{LV}	P LINE 975	FEET WEST OF I	ONGVIEW FED 6	Site Type	Pipeline	
Date Release	Discovered	07/31/2022		API# (if app	-	
Unit Letter	Section	Township	Range	Cour	ntv]
Α	1	23\$	28E	EDI	•	
			bal Private (No		Release	,
				alculations or specific		volumes provided below)
	Crude Oil Volume Released (bbls)		Volume Reco			
Produced Water Volume Released (bbls) 27.4			Volume Reco	vered (bbls) 5		
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?		Yes N	0		
Condensa	te	Volume Released (bbls)		Volume Reco	vered (bbls)	
Natural G	as	Volume Released (Mcf)		Volume Reco	vered (Mcf)	
Other (des	scribe)	Volume/Weight Released (provide units)		Volume/Weig	tht Recovered (provide units)	
Cause of Rele	appro	•		_		" poly pipeline sprung a leak overed. The spill was in a

pipeline right of way and not on a pad. The line was isolated to stop the leak.

Received by OCD: 7/11/2023 12:00:26 AM State of New Mexico
Page 2 Oil Conservation Division

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Incident ID	nAPP2221329700
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respondence than 25 bbls	nsible party consider this a major release?
■ Yes □ No		
<u> </u>		
If YES, was immediate n	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
Email notice to OCI	O given by Dale Woodall on 7/31/	2022
	Initial Ro	esponse
The responsible	party must undertake the following actions immediately	y unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
	as been secured to protect human health and	the environment
-	•	likes, absorbent pads, or other containment devices.
	ecoverable materials have been removed and	•
<u> </u>	d above have <u>not</u> been undertaken, explain v	
		•
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred elease attach all information needed for closure evaluation.
regulations all operators are public health or the environi failed to adequately investig	required to report and/or file certain release noti ment. The acceptance of a C-141 report by the C tate and remediate contamination that pose a three	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger CCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Dale \	Noodall	Title: Environmental Professional
Signature: Dale U	Voodall	Date: 08/02/2022
email: dale.wooda	all@dvn.com	Telephone: 405-318-4697
OCD Only		00/00/0000
	Harimon	08/02/2022 Date:

LVP gathering line 975 feet west of Longview Federal 6#11 (API 30-015-37326)

Spill Volume(Bbls) Calculator			
li li	nputs in blue	, Outputs in red	
Co	ntaminated S	Soil measurement	
Length(Ft)	Width(Ft)	Depth(Ft)	
<u>2047</u>	<u>4.000</u>	<u>0.125</u>	
Cubic Feet of S	oil Impacted	<u>1023.500</u>	
Barrels of So	il Impacted	<u>182.44</u>	
Soil T	ype	Clay/Sand	
Barrels of Oil A	ssuming 100%	27.27	
Satura	ition	<u>27.37</u>	
Saturation	Fluid pre	esent with shovel/backhoe	
Estimated Barrels of Oil		27.37	
Released		27.37	
	Free Stand	ing Fluid Only	
Length(Ft)	Width(Ft)	Depth(Ft)	
Standin	g fluid	<u>0.000</u>	
Total fluid	ls spilled	<u>27.366</u>	

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 130506

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	130506
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jharimon	None	8/2/2022

	Page 34 of 25	56
Incident ID	nAPP2221329700	
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?	
Did this release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X 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 X No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes k☐ No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	
Are the lateral extents of the release overlying an unstable area such as karst geology?	
Are the lateral extents of the release within a 100-year floodplain?	
Did the release impact areas not on an exploration, development, production, or storage site?	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
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 well Field data 	ls.
Data table of soil contaminant concentration data	
Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	
Boring or excavation logs	
Photographs including date and GIS information	
X Topographic/Aerial maps	
Laboratory data including chain of custody	

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

Received by OCD: 7/11/2023 12:00:26 AM Form C-141 State of New Mexico
Page 4 Oil Conservation Division

Received by:

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Incident ID	nAPP2221329700
District RP	
Facility ID	

Application ID

Date: _____

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Incident ID	4 PP2221220700
1110100111112	nAPP2221329700
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.		
X A scaled site and sampling diagram as described in 19.15.29.11 NMAC		
x Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
X Laboratory analyses of final sampling (Note: appropriate ODC 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 should their operations have failed to adequately investigate and replaced human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29.13 NMAC includ	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in	
Signature: Dala Woodall		
email:dale.woodall@dvn.com	Telephone:575-748-1839	
OCD Only		
Received by:	Date:	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by:	Date:	
Printed Name:	Title:	



Gio PimaOil <gio@pimaoil.com>

Confirmation Samples for the LVP Line 975 west of Longview fed 6 #11

1 message

Gio PimaOil <gio@pimaoil.com>

Mon, May 22, 2023 at 1:16 PM

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

Good Afternoon,

Pima Environmental would like to notify you that we will begin collecting confirmation samples at the LVP Line 975 Feet West of Longview Fed 6 #11 for incident NAPP2221329700. Pima personnel are scheduled to be on site for this sampling event at approximately 2:00 p.m. on Wednesday, May 24, 2023. If you have any questions or concerns, please let me know. Thank you.

cell-806-782-1151 Office- 575-964-7740

Pima Environmental Services, LLC.



Appendix D

Photographic Documentation



SITE PHOTOGRAPHS DEVON ENERGY LVP LINE W OF LONGVIEW FED 6 #11

Site Assessment



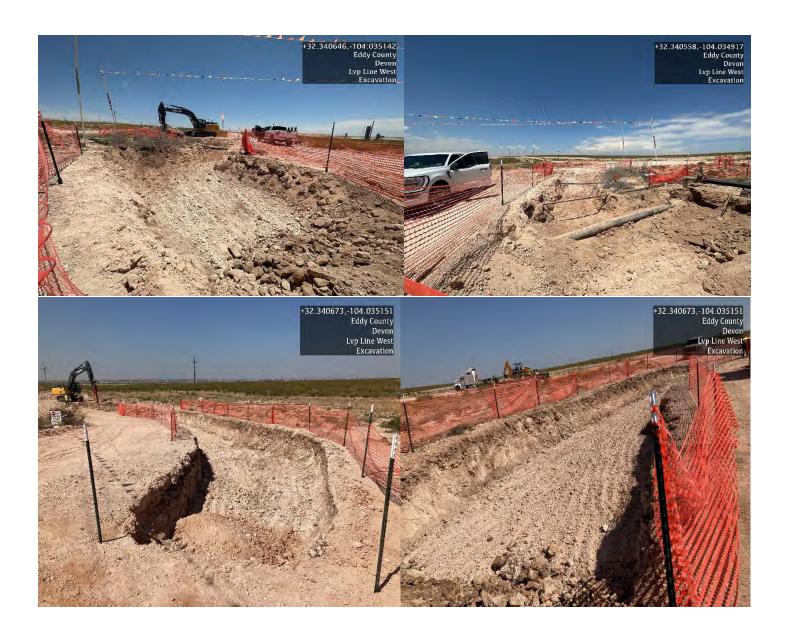




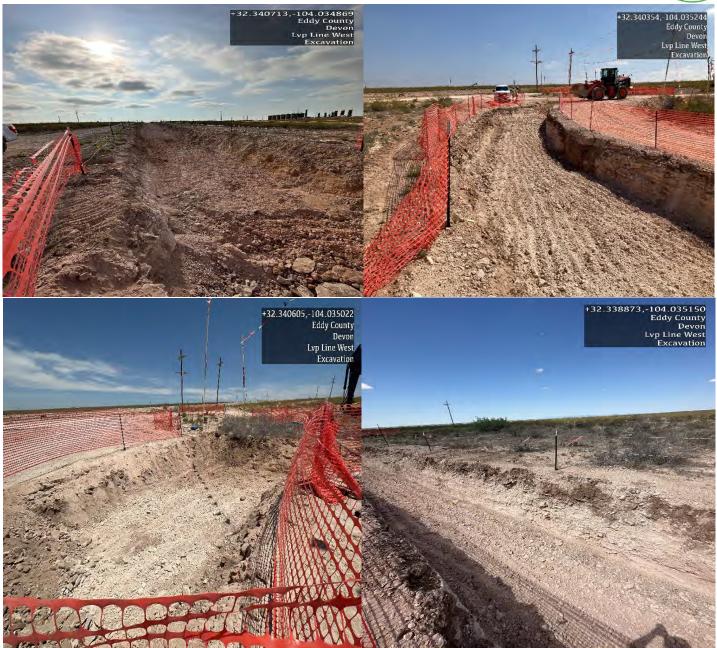


P

Excavation







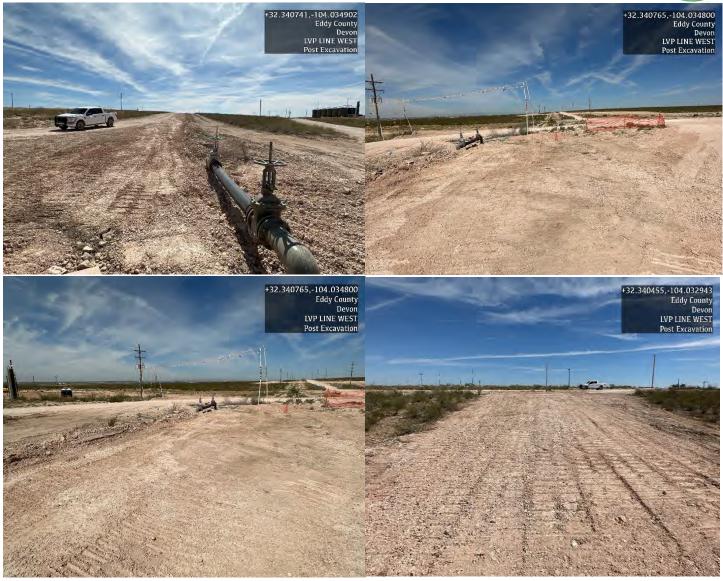




Post Excavation





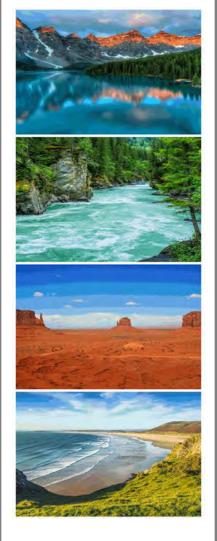




Appendix E

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: LVP Line 975FT West of Longview

Work Order: E209018

Job Number: 01058-0007

Received: 9/8/2022

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/13/22

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

Date Reported: 9/13/22

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: LVP Line 975FT West of Longview

Workorder: E209018

Date Received: 9/8/2022 10:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/8/2022 10:30:00AM, under the Project Name: LVP Line 975FT West of Longview.

The analytical test results summarized in this report with the Project Name: LVP Line 975FT West of Longview 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

Γ	Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	Reported:
١	PO Box 247	Project Number:	01058-0007	Reporteu:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/13/22 11:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S.1 1'	E209018-01A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
S.2 1'	E209018-02A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
S.3 1'	E209018-03A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
S.4 1'	E209018-04A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
S.5 1'	E209018-05A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
S.6 1'	E209018-06A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
S.7 1'	E209018-07A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
S.8 1'	E209018-08A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW 1	E209018-09A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW2	E209018-10A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW3	E209018-11A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW4	E209018-12A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW5	E209018-13A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW6	E209018-14A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW7	E209018-15A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW8	E209018-16A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW9	E209018-17A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW10	E209018-18A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW11	E209018-19A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW12	E209018-20A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW13	E209018-21A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW14	E209018-22A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW15	E209018-23A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW16	E209018-24A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW17	E209018-25A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW18	E209018-26A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW19	E209018-27A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW20	E209018-28A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.
SW21	E209018-29A	Soil	08/30/22	09/08/22	Glass Jar, 4 oz.

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

S.1 1' E209018-01

		120/010 01					
	D 1	Reporting		ı.·	D 1		N
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2237034
Benzene	ND	0.0250	1		09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	ļ	09/08/22	09/09/22	
Toluene	ND	0.0250	1		09/08/22	09/09/22	
o-Xylene	ND	0.0250	1		09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	l	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	l	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		98.1 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		98.1 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1		09/08/22	09/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/08/22	09/08/22	
Surrogate: n-Nonane		96.6 %	50-200		09/08/22	09/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KI			Batch: 2237036
Chloride	16300	1000	50	0	09/08/22	09/08/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

S.2 1'

E209018-02						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2237034
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130	09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130	09/08/22	09/09/22	
Surrogate: Toluene-d8		96.6 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130	09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130	09/08/22	09/09/22	
Surrogate: Toluene-d8		96.6 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/08/22	-
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/08/22	
Surrogate: n-Nonane		97.9 %	50-200	09/08/22	09/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2237036
Chloride	25200	400	20	09/08/22	09/08/22	



Pim	a Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	
PO	Box 247	Project Number:	01058-0007	Reported:
Plai	ns TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

S.3 1'

E20901	8-03
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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2237034
Benzene	ND	0.0250		1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250		1	09/08/22	09/09/22	
Toluene	ND	0.0250		1	09/08/22	09/09/22	
o-Xylene	ND	0.0250		1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500		1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250		1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		96.7 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		96.7 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0		1	09/08/22	09/08/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/08/22	09/08/22	
Surrogate: n-Nonane		98.8 %	50-200		09/08/22	09/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2237036
Chloride	22500	400		20	09/08/22	09/08/22	· ·

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

S.4 1'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2237034
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130	09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	09/08/22	09/09/22	
Surrogate: Toluene-d8		96.1 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130	09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	09/08/22	09/09/22	
Surrogate: Toluene-d8		96.1 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/08/22	
Surrogate: n-Nonane		86.1 %	50-200	09/08/22	09/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2237036
11110113 by E111 500:0/703011						

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

S.5 1'

E209018-05 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2237034 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 09/09/22 ND 0.0250 09/08/22 Benzene 09/09/22 1 09/08/22 Ethylbenzene ND 0.0250ND 0.0250 09/08/22 09/09/22 Toluene 1 09/08/22 09/09/22 o-Xylene ND 0.025009/08/22 09/09/22 ND 0.0500 p,m-Xylene 09/08/22 09/09/22 1 Total Xylenes ND 0.0250 09/09/22 Surrogate: Bromofluorobenzene 09/08/22 96.3 % 70-130 09/08/22 09/09/22 Surrogate: 1,2-Dichloroethane-d4 94.7 % 70-130 Surrogate: Toluene-d8 97.2 % 70-130 09/08/22 09/09/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2237034 ND 1 09/08/22 09/09/22 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 96.3 % 09/08/22 09/09/22 70-130 94.7 % 09/08/22 09/09/22 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 09/08/22 09/09/22 97.2 % 70-130 mg/kg Analyst: JL Batch: 2237030 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/08/22 09/08/22 ND 25.0 1 Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) ND 50.0 1 09/08/22 09/08/22 79.2 % 50-200 09/08/22 09/08/22 Surrogate: n-Nonane

mg/kg

1000

Analyst: KL

09/08/22

09/08/22

50

mg/kg

25700



Batch: 2237036

Anions by EPA 300.0/9056A

Chloride

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

S.6 1' E209018-06

		2207010 00					
Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
			Di			Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2237034
Benzene	ND	0.0250		1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250		1	09/08/22	09/09/22	
Toluene	ND	0.0250		1	09/08/22	09/09/22	
o-Xylene	ND	0.0250		1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500		1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250		1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		95.4 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		95.4 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0		1	09/08/22	09/08/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/08/22	09/08/22	
Surrogate: n-Nonane		93.8 %	50-200		09/08/22	09/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: KL		Batch: 2237036
Chloride	7110	100		5	09/08/22	09/08/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

S.7 1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2237034
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		89.4 %	70-130	09/08/22	09/09/22	
Surrogate: Toluene-d8		96.5 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		89.4 %	70-130	09/08/22	09/09/22	
Surrogate: Toluene-d8		96.5 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/08/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/08/22	
Surrogate: n-Nonane		85.2 %	50-200	09/08/22	09/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: KL		Batch: 2237036
			20	09/08/22	09/08/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

S.8 1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2237034
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130	09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/08/22	09/09/22	
Surrogate: Toluene-d8		96.5 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130	09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/08/22	09/09/22	
Surrogate: Toluene-d8		96.5 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/08/22	
Surrogate: n-Nonane		100 %	50-200	09/08/22	09/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: KL		Batch: 2237036
	14100	400	20	09/08/22	09/08/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

SW 1

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2237034
Benzene	ND	0.0250	1		09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1		09/08/22	09/09/22	
Toluene	ND	0.0250	1		09/08/22	09/09/22	
o-Xylene	ND	0.0250	1		09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1		09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1		09/08/22	09/09/22	
Surrogate: Bromofluorobenzene	·	94.1 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		94.3 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		94.1 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		94.3 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1		09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/08/22	09/09/22	
Surrogate: n-Nonane		98.9 %	50-200		09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	KL		Batch: 2237036



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SW2

		E209018-10					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2237034
Benzene	ND	0.0250		1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250		1	09/08/22	09/09/22	
Toluene	ND	0.0250		1	09/08/22	09/09/22	
o-Xylene	ND	0.0250		1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500		1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250		1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		95.6 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		96.1 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		95.6 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		96.1 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Љ		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0		1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/08/22	09/09/22	
Surrogate: n-Nonane		92.8 %	50-200		09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2237036
Chloride	30.3	20.0		1	09/08/22	09/08/22	



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SW3

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2237034
Benzene	ND	0.0250		1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250		1	09/08/22	09/09/22	
Toluene	ND	0.0250		1	09/08/22	09/09/22	
o-Xylene	ND	0.0250		1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500		1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250		1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		97.7 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		97.7 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0		1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/08/22	09/09/22	
Surrogate: n-Nonane		94.7 %	50-200		09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2237036
Chloride	ND	20.0		1	09/08/22	09/08/22	



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SW4

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepar	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2237034
Benzene	ND	0.0250	1	09/08/	22 09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/	22 09/09/22	
Toluene	ND	0.0250	1	09/08/	22 09/09/22	
o-Xylene	ND	0.0250	1	09/08/	22 09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/	22 09/09/22	
Total Xylenes	ND	0.0250	1	09/08/	22 09/09/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130	09/08/	22 09/09/22	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	09/08/	22 09/09/22	
Surrogate: Toluene-d8		96.3 %	70-130	09/08/	22 09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/	22 09/09/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130	09/08/	22 09/09/22	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	09/08/	22 09/09/22	
Surrogate: Toluene-d8		96.3 %	70-130	09/08/	22 09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/	22 09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/	22 09/09/22	
Surrogate: n-Nonane		95.6 %	50-200	09/08/	22 09/09/22	
A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2237036
Anions by EPA 300.0/9056A	88	88				



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SW5

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2237034
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130	09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	09/08/22	09/09/22	
Surrogate: Toluene-d8		96.2 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130	09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	09/08/22	09/09/22	
Surrogate: Toluene-d8		96.2 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/09/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/09/22	
Surrogate: n-Nonane		99.4 %	50-200	09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2237036
	ND	200	10	09/08/22	09/08/22	



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SW6

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2237034
Benzene	ND	0.0250	1		09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1		09/08/22	09/09/22	
Toluene	ND	0.0250	1		09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	l	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	l	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	l	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		97.0 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		97.0 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1		09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	09/08/22	09/09/22	
Surrogate: n-Nonane		102 %	50-200	·	09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2237036



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SW7

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2237034
Benzene	ND	0.0250		1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250		1	09/08/22	09/09/22	
Toluene	ND	0.0250		1	09/08/22	09/09/22	
o-Xylene	ND	0.0250		1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500		1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250		1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		95.4 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		95.4 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	_	1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/08/22	09/09/22	
Surrogate: n-Nonane		93.8 %	50-200		09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2237036
Chloride	505	20.0		1	09/08/22	09/08/22	



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SW8

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2237034
Benzene	ND	0.0250	1		09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1		09/08/22	09/09/22	
Toluene	ND	0.0250	1		09/08/22	09/09/22	
o-Xylene	ND	0.0250	1		09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1		09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1		09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		95.1 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		95.1 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1		09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/08/22	09/09/22	
Surrogate: n-Nonane		91.0 %	50-200		09/08/22	09/09/22	
		mg/kg		Analyst: KL			Batch: 2237036
Anions by EPA 300.0/9056A	mg/kg	mg/kg		maryst. KL			Batch. 2237030



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SW9

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY	7		Batch: 2237034
Benzene	ND	0.0250	1		09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1		09/08/22	09/09/22	
Toluene	ND	0.0250	1		09/08/22	09/09/22	
o-Xylene	ND	0.0250	1		09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1		09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1		09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		97.0 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		97.0 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1		09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/08/22	09/09/22	
Surrogate: n-Nonane		95.4 %	50-200		09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: Kl	L		Batch: 2237036
Annons by E111 500:0/703011							



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SW10

		Reporting					
Analyte	Result	Limit	Dilu	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2237034
Benzene	ND	0.0250	1	. (09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	. (09/08/22	09/09/22	
Toluene	ND	0.0250	1	. (09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	. (09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	. (09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	. (09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		100 %	70-130	(09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	(09/08/22	09/09/22	
Surrogate: Toluene-d8		96.3 %	70-130	(09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1	. (09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		100 %	70-130	(09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	(09/08/22	09/09/22	
Surrogate: Toluene-d8		96.3 %	70-130	(09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1	. (09/08/22	09/09/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	. (09/08/22	09/09/22	
Surrogate: n-Nonane		98.2 %	50-200	(09/08/22	09/09/22	
	mg/kg	mg/kg	1	Analyst: KL			Batch: 2237036
Anions by EPA 300.0/9056A	mg ng			,			



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SW11

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	ΙΥ		Batch: 2237034
Benzene	ND	0.0250	1		09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1		09/08/22	09/09/22	
Toluene	ND	0.0250	1	Į.	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	Į.	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	Į.	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1		09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		96.7 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	ΙΥ		Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/08/22	09/09/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		09/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		09/08/22	09/09/22	
Surrogate: Toluene-d8		96.7 %	70-130		09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	IL		Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1		09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1		09/08/22	09/09/22	
Surrogate: n-Nonane		99.9 %	50-200		09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	KL		Batch: 2237036



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SW12

		Reporting					
Analyte	Result	Limit	Dilu	tion Pro	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2237034
Benzene	ND	0.0250	1	09	/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09	/08/22	09/09/22	
Toluene	ND	0.0250	1	09	/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09	/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09.	/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09	/08/22	09/09/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130	09.	/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130	09.	/08/22	09/09/22	
Surrogate: Toluene-d8		96.3 %	70-130	09.	/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2237034
Gasoline Range Organics (C6-C10)	ND	20.0	1	09	/08/22	09/09/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130	09.	/08/22	09/09/22	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130	09.	/08/22	09/09/22	
Surrogate: Toluene-d8		96.3 %	70-130	09.	/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2237030
Diesel Range Organics (C10-C28)	ND	25.0	1	09	/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09	/08/22	09/09/22	
Surrogate: n-Nonane		104 %	50-200	09.	/08/22	09/09/22	
A	mg/kg	mg/kg	1	Analyst: KL			Batch: 2237036
Anions by EPA 300.0/9056A	88	8 8					



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SW13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2237047
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2237047
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.9 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2237019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/09/22	
Surrogate: n-Nonane		101 %	50-200	09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2237035
Chloride	ND	20.0	- 1	09/08/22	09/08/22	·



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SW14

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2237047
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2237047
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.2 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2237019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/09/22	
Surrogate: n-Nonane		102 %	50-200	09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2237035
Chloride	ND	20.0	1	09/08/22	09/08/22	



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SW15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2237047
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2237047
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2237019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/09/22	
Surrogate: n-Nonane		97.9 %	50-200	09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2237035
Chloride	ND	20.0	1	09/08/22	09/08/22	



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SW16

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2237047
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2237047
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.6 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2237019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/09/22	
Surrogate: n-Nonane		107 %	50-200	09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2237035
Chloride	ND	20.0	1	09/08/22	09/08/22	



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SW17

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2237047
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2237047
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.1 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2237019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/09/22	
Surrogate: n-Nonane		98.3 %	50-200	09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2237035
Chloride	ND	20.0	1	09/08/22	09/08/22	_

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SW18

		ъ «:				
Analysta	Result	Reporting Limit	Dilution	Duamanad	A malvera d	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2237047
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2237047
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.1 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2237019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/09/22	
Surrogate: n-Nonane		90.7 %	50-200	09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2237035
Chloride	ND	20.0	1	09/08/22	09/08/22	



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SW19

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2237047
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2237047
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.6 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2237019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/09/22	
Surrogate: n-Nonane		94.8 %	50-200	09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2237035
Chloride	20.3	20.0	1	09/08/22	09/08/22	



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SW20

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2237047
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
p,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2237047
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.5 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2237019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/09/22	
Surrogate: n-Nonane		97.8 %	50-200	09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2237035
Chloride	ND	20.0	1	09/08/22	09/08/22	



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SW21

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2237047
Benzene	ND	0.0250	1	09/08/22	09/09/22	
Ethylbenzene	ND	0.0250	1	09/08/22	09/09/22	
Toluene	ND	0.0250	1	09/08/22	09/09/22	
o-Xylene	ND	0.0250	1	09/08/22	09/09/22	
o,m-Xylene	ND	0.0500	1	09/08/22	09/09/22	
Total Xylenes	ND	0.0250	1	09/08/22	09/09/22	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2237047
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/22	09/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.2 %	70-130	09/08/22	09/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2237019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/22	09/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/22	09/09/22	
Surrogate: n-Nonane		99.7 %	50-200	09/08/22	09/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2237035
·	ND	20.0		09/08/22	09/08/22	



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Plains TX, 79355-0247		Project Number Project Manage		om Bynum				9/1	3/2022 11:49:25AM
	V	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 (2237034-BLK1)							Prepared: 0	9/07/22 Anal	yzed: 09/08/22
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	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			
LCS (2237034-BS1)							Prepared: 0	9/07/22 Anal	yzed: 09/08/22
Benzene	2.08	0.0250	2.50		83.2	70-130			
Ethylbenzene	2.20	0.0250	2.50		88.0	70-130			
Toluene	2.19	0.0250	2.50		87.6	70-130			
o-Xylene	2.04	0.0250	2.50		81.7	70-130			
p,m-Xylene	4.08	0.0500	5.00		81.6	70-130			
Total Xylenes	6.12	0.0250	7.50		81.7	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			
LCS Dup (2237034-BSD1)							Prepared: 0	9/07/22 Anal	yzed: 09/08/22
Benzene	2.17	0.0250	2.50		86.9	70-130	4.35	23	
Ethylbenzene	2.28	0.0250	2.50		91.3	70-130	3.59	27	
Toluene	2.22	0.0250	2.50		88.9	70-130	1.47	24	
o-Xylene	2.13	0.0250	2.50		85.4	70-130	4.41	27	
p,m-Xylene	4.24	0.0500	5.00		84.8	70-130	3.83	27	
Total Xylenes	6.38	0.0250	7.50		85.0	70-130	4.02	27	
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		91.9	70-130			
· ·									

0.500

70-130



0.529

Surrogate: Toluene-d8

Surrogate: 4-Bromochlorobenzene-PID

Γ	Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	Reported:
	PO Box 247	Project Number:	01058-0007	
	Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

Plains TX, 79355-0247		Project Manager:		m Bynum				9/1	3/2022 11:49:25AN
		Volatile O	rganics 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 (2237047-BLK1)							Prepared: 09	9/08/22 Ana	yzed: 09/09/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.0	70-130			
LCS (2237047-BS1)							Prepared: 09	9/08/22 Ana	lyzed: 09/09/22
Benzene	5.81	0.0250	5.00		116	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.3	70-130			
Toluene	5.11	0.0250	5.00		102	70-130			
o-Xylene	4.89	0.0250	5.00		97.8	70-130			
o,m-Xylene	9.76	0.0500	10.0		97.6	70-130			
Total Xylenes	14.7	0.0250	15.0		97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130			
LCS Dup (2237047-BSD1)							Prepared: 09	9/08/22 Ana	lyzed: 09/12/22
Benzene	5.41	0.0250	5.00		108	70-130	7.02	20	
Ethylbenzene	4.50	0.0250	5.00		90.0	70-130	6.77	20	
Toluene	4.77	0.0250	5.00		95.4	70-130	6.99	20	
o-Xylene	4.57	0.0250	5.00		91.4	70-130	6.75	20	
o,m-Xylene	9.11	0.0500	10.0		91.1	70-130	6.98	20	
Total Xylenes	13.7	0.0250	15.0		91.2	70-130	6.90	20	



Analyte

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:LVP Line 975FT West of LongviewReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum9/13/2022 11:49:25AM

Non	Nonhalogenated Organics by EPA 8015D - GRO									
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		

				 ,,,	,,,	,,,	,,,	110103
Blank (2237034-BLK1)						Prepared: 0	9/07/22 Anal	yzed: 09/08/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.503		0.500	101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500	96.1	70-130			
Surrogate: Toluene-d8	0.524		0.500	105	70-130			
LCS (2237034-BS2)						Prepared: 0	9/07/22 Anal	yzed: 09/08/22
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	100	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500	99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.454		0.500	90.8	70-130			
Surrogate: Toluene-d8	0.530		0.500	106	70-130			
LCS Dup (2237034-BSD2)						Prepared: 0	9/07/22 Anal	yzed: 09/09/22
Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	106	70-130	5.64	20	
Surrogate: Bromofluorobenzene	0.497		0.500	99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500	92.4	70-130			
Surrogate: Toluene-d8	0.534		0.500	107	70-130			



Pima Environmental Services-Carlsbad	Project Name: Project Number:	LVP Line 975FT West of Longview 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

Plains TX, 79355-0247		Project Manager:		m Bynum					9/13/2022 11:49:25AM
	Non	halogenated (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 (2237047-BLK1)							Prepared: 0	9/08/22	Analyzed: 09/09/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		83.9	70-130			
LCS (2237047-BS2)							Prepared: 0	9/08/22	Analyzed: 09/09/22
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.3	70-130			
LCS Dup (2237047-BSD2)							Prepared: 0	9/08/22	Analyzed: 09/09/22
Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.7	70-130	7.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.04		8.00		87.9	70-130			



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975FT West of Longview	Reported:
PO Box 247	Project Number:	01058-0007	_
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				9/	13/2022 11:49:25AN
	Nonhal	logenated Or	ganics by	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 (2237019-BLK1)							Prepared: 0	9/07/22 Ana	lyzed: 09/07/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			
LCS (2237019-BS1)							Prepared: 0	9/07/22 Ana	lyzed: 09/07/22
Diesel Range Organics (C10-C28)	259	25.0	250		104	38-132			
Surrogate: n-Nonane	51.3		50.0		103	50-200			
Matrix Spike (2237019-MS1)				Source:	E209014-	01	Prepared: 0	9/07/22 Ana	lyzed: 09/07/22
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	52.9		50.0		106	50-200			
Matrix Spike Dup (2237019-MSD1)				Source:	E209014-	01	Prepared: 0	9/07/22 Ana	lyzed: 09/07/22
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132	0.637	20	
Gurrogate: n-Nonane	53.2		50.0		106	50-200			



Pima Environmental Services-Carlsbad	ad Project Name: LVP Line 975FT West o		Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				9/1	3/2022 11:49:25AN
	Nonhal	logenated Or	ganics by	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 (2237030-BLK1)							Prepared: 0	9/08/22 Ana	yzed: 09/08/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	58.0		50.0		116	50-200			
LCS (2237030-BS1)							Prepared: 0	9/08/22 Ana	lyzed: 09/08/22
Diesel Range Organics (C10-C28)	245	25.0	250		97.8	38-132			
urrogate: n-Nonane	46.8		50.0		93.6	50-200			
Matrix Spike (2237030-MS1)				Source:	E209018-	11	Prepared: 0	9/08/22 Ana	lyzed: 09/08/22
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	38-132			
urrogate: n-Nonane	47.1		50.0		94.2	50-200			
Matrix Spike Dup (2237030-MSD1)				Source:	E209018-	11	Prepared: 0	9/08/22 Ana	lyzed: 09/08/22
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132	2.35	20	
Gurrogate: n-Nonane	46.8		50.0		93.5	50-200			



Analyte

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	LVP Line 975FT West of Longview 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/13/2022 11:49:25AM

Anions	by	EPA	300	.0/9056A
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	Anions		Analyst: KL						
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
/1				0.7	0.7	0./	0./	3.7	- 1

	шу/ку	mg/kg	mg/kg	mg/kg	70	70	70	70	Notes
Blank (2237035-BLK1)							Prepared: 09	9/08/22 Ana	lyzed: 09/08/22
Chloride	ND	20.0							
LCS (2237035-BS1)							Prepared: 09	9/08/22 Ana	lyzed: 09/08/22
Chloride	236	20.0	250		94.3	90-110			
LCS Dup (2237035-BSD1)							Prepared: 09	9/08/22 Ana	lyzed: 09/08/22
Chloride	235	20.0	250		94.1	90-110	0.275	20	



LCS Dup (2237036-BSD1)

Chloride

Prepared: 09/08/22 Analyzed: 09/08/22

20

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Number: Project Manager:	C	VP Line 975F7 1058-0007 Com Bynum	Γ West of	Reported: 9/13/2022 11:49:25AM				
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2237036-BLK1)						1	Prepared: 0	9/08/22 Ar	nalyzed: 09/08/22
Chloride	ND	20.0							
LCS (2237036-BS1)]	Prepared: 0	9/08/22 Ar	nalyzed: 09/08/22
Chloride	239	20.0	250	·	95.4	90-110		·	

250

20.0

95.2

90-110

0.214

238

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:	LVP Line 975FT West of Longview	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/13/22 11:49

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

Page	of 3

Received by OCD: 7/11/2023 12:00:26 AM

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Report due by:						<u></u>) À	8021	260	[용	300			₹	¥			X				
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Comple 24-	win F Cail C	d Colid Fo	Shideo 6 d	Nausaus O Ct	hor		Cont	AVG Temp °C Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Cont Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous sample																						
						vith this COC. The liability of the															•	



Bill To

Lab Use Only

EPA Program

TAT

Received by OCD: 7/11/2023 12:00:26 AM



Project Information

Chain	of C	ustody
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Page <u>3</u> of <u>3</u>

Client: Pima Environmental Services Bill To							Lab Use Only				TAT			EPA P	rogram							
Project.	VP II	10 975	th II JOOT	of Longvi	(D)	Attentio	on: Devon Energ	и	Lab	WO			Job 1	Vum	ber	1D	2D	3D	Sta	andard	CWA	SDWA
		Tom By		111 2012/JV	~~ <u>*</u>	Addres	s:	-	E	30°	901	8	DO	58	0007					X		
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Report d						Pima	Project # 188		_] ខ្លឹ	ĺĝ	8	826	8	e 30			ř	ll		Y	LL	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Numb	PRO/ORO by 8015	GRO/DRO by 8	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		8600	BGDOC				Remarks	
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Relinquis	POPUS.	gnature)	D.	2/-6-7	Time	1/45	eceped by: (Signature)	1 Date /	122		2'5	50				12				<u> 13 </u>	 .	
	hed by: (S		Da	ite	Time	R	eceived by: (Signature)	Date		Tin			AV	G Te	mp °C	4	_					
Sample M	atriv. S . So	Sd - Solid S	z - Sludze, A	- Aqueous, O - O	ther			Conta	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
Note: Sa	mples are	discarded 30	days after	results are rep	orted unles	ss other	arrangements are made. Hazar	rdous samples	will be	returr	ned to	client	or disp	osed	of at the c	lient e	xpens	e. The	repo	ort for the ar	alysis of th	e above



envirotech Inc.

Printed: 9/8/2022 11:07:26AM

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:	09/08/22 10	0:30		Work Order ID:	E209018
Phone:	(575) 631-6977	Date Logged In:	09/07/22 09):57		Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	09/14/22 17	7:00 (4 day TAT)			
Chain of	Custody (COC)						
	he sample ID match the COC?	sh the COC	Yes				
	he number of samples per sampling site location mate amples dropped off by client or carrier?	en the COC	Yes				
	e COC complete, i.e., signatures, dates/times, request	tad analysas?	Yes No	Carrier: <u>U</u>	<u>JPS</u>		
	Il samples received within holding time?	icu anaryses:	Yes				
3. Well a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion	•	103	_		<u>Commen</u>	ts/Resolution
Sample T	Turn Around Time (TAT)				NT C	, •	
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			ntainers are no	ot provided on the
Sample C					COC.		
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
•	, were custody/security seals intact?		NA				
	the 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 visible ice, record the temperature. Actual sample to	received w/i 15	Yes C				
	Container	<u>. </u>	<u>~</u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	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 n	on-VOC samples collected in the correct containers?		Yes				
19. Is the	appropriate volume/weight or number of sample contained	ers collected?	Yes				
Field Lat							
	field sample labels filled out with the minimum infor	mation:	37				
	ample ID? eate/Time Collected?		Yes	Į			
	collectors name?		Yes No				
Sample P	Preservation_		- 10				
21. Does	the COC or field labels indicate the samples were pre-	eserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved me	etals?	No				
Multipha	ase Sample Matrix						
26. Does	the 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				
Subcontr	ract Laboratory						
28. Are sa	amples required to get sent to a subcontract laborator	y?	No				
29. Was a	subcontract laboratory specified by the client and if	so who?	NA S	Subcontract Lab	o: NA		
Client Ir	<u>nstruction</u>						

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: LVP Line W. of Longview Fed 6

#11

Work Order: E209075

Job Number: 01058-0007

Received: 9/15/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/22/22

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

Date Reported: 9/22/22

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: LVP Line W. of Longview Fed 6 #11

Workorder: E209075

Date Received: 9/15/2022 2:43:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/15/2022 2:43:00PM, under the Project Name: LVP Line W. of Longview Fed 6 #11.

The analytical test results summarized in this report with the Project Name: LVP Line W. of Longview Fed 6 #11 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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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	Reported:
PO Box 247	Project Number:	01058-0007	Keporteu.
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/22/22 12:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S.1 4'	E209075-01A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.1 5'	E209075-02A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.1 6'	E209075-03A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.2 2 1/2'	E209075-04A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.4 2'	E209075-05A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.4 3'	E209075-06A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.6 3'	E209075-07A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.6 4'	E209075-08A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.8 2'	E209075-09A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.8 3'	E209075-10A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.9 4'	E209075-11A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.9 5'	E209075-12A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.9 6'	E209075-13A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.10 3'	E209075-14A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.10 4'	E209075-15A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.10 5'	E209075-16A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.13 5'	E209075-17A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.15 6'	E209075-18A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.15 7'	E209075-19A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.15 8'	E209075-20A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.
S.16 5'	E209075-21A	Soil	09/13/22	09/15/22	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.1 4'

E209075-01

	E207073-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	st: IY		Batch: 2239018
ND	0.0250	1	09/19/22	09/21/22	
ND	0.0250	1	09/19/22	09/21/22	
ND	0.0250	1	09/19/22	09/21/22	
ND	0.0250	1	09/19/22	09/21/22	
ND	0.0500	1	09/19/22	09/21/22	
ND	0.0250	1	09/19/22	09/21/22	
	97.8 %	70-130	09/19/22	09/21/22	
mg/kg	mg/kg	Analyst: IY			Batch: 2239018
ND	20.0	1	09/19/22	09/21/22	
	85.8 %	70-130	09/19/22	09/21/22	
mg/kg	mg/kg	Analys	st: JL		Batch: 2239015
ND	25.0	1	09/19/22	09/20/22	
ND	50.0	1	09/19/22	09/20/22	
	85.5 %	50-200	09/19/22	09/20/22	
mg/kg	mg/kg	Analys	st: RAS		Batch: 2239042
	mg/kg ND Mg/kg ND	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 85.8 % mg/kg MD 20.0 85.8 % mg/kg ND 25.0 ND 50.0 85.5 %	Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 97.8 % 70-130 mg/kg mg/kg Analys ND 20.0 1 85.8 % 70-130 1 mg/kg mg/kg Analys ND 25.0 1 ND 50.0 1 85.5 % 50-200	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0500 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 mg/kg mg/kg Analyst: IY ND 20.0 1 09/19/22 mg/kg mg/kg Analyst: JL ND 25.0 1 09/19/22 ND 50.0 1 09/19/22 85.5 % 50-200 09/19/22	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/22 09/21/22 ND 0.0250 1 09/19/22 09/21/22 ND 0.0250 1 09/19/22 09/21/22 ND 0.0500 1 09/19/22 09/21/22 ND 0.0250 1 09/19/22 09/21/22 ND 0.0250 1 09/19/22 09/21/22 mg/kg mg/kg Analyst: IY ND 20.0 1 09/19/22 09/21/22 mg/kg mg/kg Analyst: IV ND 25.8 % 70-130 09/19/22 09/21/22 mg/kg mg/kg Analyst: JL ND 25.0 1 09/19/22 09/20/22 ND 50.0 1 09/19/22 09/20/22 ND 50.0 1 09/19/22 09/20/22 <

Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.1 5'

E209075-02

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/21/22	
Toluene	ND	0.0250	1	09/19/22	09/21/22	
o-Xylene	ND	0.0250	1	09/19/22	09/21/22	
o,m-Xylene	ND	0.0500	1	09/19/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/21/22	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	09/19/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	09/19/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		83.5 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2239042
Chloride	229	20.0	1	09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.1 6'

E209075-03 Reporting Analyte Result Limit Dilution Analyzed Notes Prepared Analyst: IY Batch: 2239018 mg/kg mg/kg Volatile Organics by EPA 8021B 09/19/22 09/21/22 ND 0.0250 Benzene 1 09/19/22 09/21/22 Ethylbenzene ND 0.0250ND 0.02501 09/19/22 09/21/22 Toluene 1 09/19/22 09/21/22 o-Xylene ND 0.02501 09/19/22 09/21/22 ND 0.0500 p,m-Xylene 09/21/22 09/19/22 1 Total Xylenes ND 0.025009/19/22 09/21/22 98.4 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: IY Batch: 2239018 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 09/21/22 ND 20.0 1 09/19/22 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 85.5 % 09/19/22 09/21/22 70-130 mg/kg mg/kg Analyst: JL Batch: 2239015 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 09/19/22 09/20/22 Diesel Range Organics (C10-C28) ND 09/19/22 09/20/22 Oil Range Organics (C28-C36) 50.0 1 09/19/22 09/20/22 Surrogate: n-Nonane 87.7 % 50-200 Analyst: RAS Batch: 2239042 Anions by EPA 300.0/9056A mg/kg mg/kg ND 20.0 1 09/20/22 09/20/22 Chloride



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.2 2 1/2'

		E209075-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/21/22	
Toluene	ND	0.0250	1	09/19/22	09/21/22	
o-Xylene	ND	0.0250	1	09/19/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/21/22	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	09/19/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.8 %	70-130	09/19/22	09/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		88.4 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2239042
Chloride	72.7	20.0	1	09/20/22	09/20/22	



Pima Environmental	Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247		Project Number:	01058-0007	Reported:
Plains TX, 79355-02	47	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.4 2'

E209075-05

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2239018
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0500	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
	97.8 %	70-130	09/19/22	09/22/22	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2239018
ND	20.0	1	09/19/22	09/22/22	
	85.3 %	70-130	09/19/22	09/22/22	
mg/kg	mg/kg	Anal	lyst: JL		Batch: 2239015
ND	25.0	1	09/19/22	09/20/22	
ND	50.0	1	09/19/22	09/20/22	
	85.6 %	50-200	09/19/22	09/20/22	
	mg/kg	Anal	lyst: RAS		Batch: 2239042
mg/kg	mg/kg	1 11141	1,500 10 10		Butch. 2237012
	mg/kg ND ND ND ND ND ND ND ND ND N	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mD 97.8 % mg/kg mg/kg ND 20.0 85.3 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 85.3 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 85.6 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IV ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0500 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 mg/kg 70-130 09/19/22 mg/kg Manalyst: IV ND 20.0 1 09/19/22 mg/kg mg/kg Analyst: JL ND 25.0 1 09/19/22 ND 50.0 1 09/19/22 ND 50.0 1 09/19/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/22 09/22/22 ND 0.0250 1 09/19/22 09/22/22 ND 0.0250 1 09/19/22 09/22/22 ND 0.0250 1 09/19/22 09/22/22 09/22/22 ND 0.0500 1 09/19/22 09/22/22 ND 0.0250 1 09/19/22 09/22/22 mg/kg mg/kg Analyst: IY ND 20.0 1 09/19/22 09/22/22 mg/kg mg/kg Analyst: JL ND 25.0 1 09/19/22 09/20/22 ND 25.0 1 09/19/22 09/20/22 09/20/22 ND 50.0 1 09/19/22 09/20/22 ND 50.0 1 09/19/22 09/20/22 85.6 % 50-200 09/19/22 09/20/22



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.4 3'

E209075-06

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.3 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		86.1 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2239042
Chloride	17700	400	20	09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.6 3'

E209075-07						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	yst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.1 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	yst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		86.4 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	yst: RAS		Batch: 2239042
Chloride	231	20.0	1	09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.6 4'

E209075-08

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.9 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		97.3 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2239042
Chloride	ND	20.0	1	09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.8 2'

E209075-09						
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.7 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		85.4 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2239042
Chloride	2720	20.0	1	09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.8 3'

E209075-10)
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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	kg mg/kg Analyst: IY			Batch: 2239018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.2 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		84.5 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg mg/kg		Analyst: RAS		Batch: 2239042
	ND	20.0		09/20/22	09/20/22	<u> </u>



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.9 4'

E209075-11

		D				
Analyta	Dogult	Reporting Limit	Dilution	n Duomono d	Amalagad	Notes
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	kg mg/kg Analyst: IY			Batch: 2239018	
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg mg/kg Analyst:		alyst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.4 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg mg/kg Analyst: JL		Batch: 2239015		
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		89.0 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	yst: RAS		Batch: 2239042
Chloride	1230	20.0	1	09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
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S.9 5' E209075-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.9 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		85.4 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2239042
Chloride	830	20.0	1	09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
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S.9 6'

		E209075-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.5 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		85.8 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2239042
Chloride	ND	20.0	1	09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.10 3'

		ъ .:				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.4 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		84.9 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: RAS		Batch: 2239042
Chloride	31100	1000	50	09/20/22	09/20/22	



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S.10 4'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	:: IY		Batch: 2239018
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0500	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
	99.9 %	70-130	09/19/22	09/22/22	
mg/kg	mg/kg	Analys	t: IY		Batch: 2239018
ND	20.0	1	09/19/22	09/22/22	
	84.8 %	70-130	09/19/22	09/22/22	
mg/kg	mg/kg	Analys	t: JL		Batch: 2239015
ND	25.0	1	09/19/22	09/20/22	
ND	50.0	1	09/19/22	09/20/22	
	83.1 %	50-200	09/19/22	09/20/22	
mg/kg	mg/kg	Analys	t: RAS		Batch: 2239042
	mg/kg 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 mg/kg mg/kg Mg/kg mg/kg mg/kg mg/kg ND 25.0 ND 50.0	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 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Analyst ND 20.0 1 84.8 % 70-130 mg/kg mg/kg Analyst ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0500 1 09/19/22 ND 0.0250 1 09/19/22 mg/kg mg/kg Analyst: IY ND 20.0 1 09/19/22 mg/kg mg/kg Analyst: JL ND 25.0 1 09/19/22 ND 25.0 1 09/19/22 ND 50.0 1 09/19/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/22 09/22/22 ND 0.0500 1 09/19/22 09/22/22 ND 0.0250 1 09/19/22 09/22/22 mg/kg mg/kg Analyst: IY ND 20.0 1 09/19/22 09/22/22 mg/kg mg/kg Analyst: JL ND 25.0 1 09/19/22 09/20/22 ND 25.0 1 09/19/22 09/20/22 ND 50.0 1 09/19/22 09/20/22

Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.10 5'

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		ılyst: IY	7 mary 200	Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.0 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		87.3 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2239042
Chloride	2180	20.0	1	09/20/22	09/20/22	



Pima Environmental	Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247		Project Number:	01058-0007	Reported:
Plains TX, 79355-02	47	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.13 5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		85.8 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2239042
	116	20.0		09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
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S.15 6'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		93.5 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2239042
Chloride	189	20.0	1	09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
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S.15 7'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2239018
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
ND	0.0500	1	09/19/22	09/22/22	
ND	0.0250	1	09/19/22	09/22/22	
	100 %	70-130	09/19/22	09/22/22	
mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2239018
ND	20.0	1	09/19/22	09/22/22	
	86.4 %	70-130	09/19/22	09/22/22	
mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2239015
ND	25.0	1	09/19/22	09/20/22	
ND	50.0	1	09/19/22	09/20/22	
	84.1 %	50-200	09/19/22	09/20/22	
mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2239042
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO0 % mg/kg MD 20.0 86.4 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana 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 mg/kg mg/kg Ana ND 20.0 1 86.4 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0500 1 09/19/22 ND 0.0250 1 09/19/22 ND 0.0250 1 09/19/22 mg/kg mg/kg Analyst: IY ND 20.0 1 09/19/22 mg/kg mg/kg Analyst: JL ND 25.0 1 09/19/22 ND 25.0 1 09/19/22 ND 50.0 1 09/19/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/22 09/22/22 ND 0.0250 1 09/19/22 09/22/22 ND 0.0250 1 09/19/22 09/22/22 ND 0.0500 1 09/19/22 09/22/22 ND 0.0250 1 09/19/22 09/22/22 ND 0.0250 1 09/19/22 09/22/22 mg/kg mg/kg Analyst: IY ND 20.0 1 09/19/22 09/22/22 mg/kg mg/kg Analyst: JL ND 25.0 1 09/19/22 09/20/22 ND 25.0 1 09/19/22 09/20/22 09/20/22 ND 50.0 1 09/19/22 09/20/22



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.15 8'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2239018
Benzene	ND	0.0250	1	09/19/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/22/22	
Toluene	ND	0.0250	1	09/19/22	09/22/22	
o-Xylene	ND	0.0250	1	09/19/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/22/22	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: IY		Batch: 2239018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.2 %	70-130	09/19/22	09/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2239015
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		86.2 %	50-200	09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2239042
Chloride	ND	20.0	1	09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

S.16 5' E209075-21

		2207070 21					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
			Di			Allalyzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			Batch: 2239016
Benzene	ND	0.0250		1	09/19/22	09/20/22	
Ethylbenzene	ND	0.0250		1	09/19/22	09/20/22	
Toluene	ND	0.0250		1	09/19/22	09/20/22	
o-Xylene	ND	0.0250		1	09/19/22	09/20/22	
p,m-Xylene	ND	0.0500		1	09/19/22	09/20/22	
Total Xylenes	ND	0.0250		1	09/19/22	09/20/22	
Surrogate: Bromofluorobenzene		95.6 %	70-130		09/19/22	09/20/22	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		09/19/22	09/20/22	
Surrogate: Toluene-d8		105 %	70-130		09/19/22	09/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2239016
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/19/22	09/20/22	
Surrogate: Bromofluorobenzene		95.6 %	70-130		09/19/22	09/20/22	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		09/19/22	09/20/22	
Surrogate: Toluene-d8		105 %	70-130		09/19/22	09/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: ЛL		Batch: 2238082
Diesel Range Organics (C10-C28)	ND	25.0		1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/19/22	09/20/22	
Surrogate: n-Nonane		78.5 %	50-200		09/19/22	09/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2239041
Chloride	ND	20.0		1	09/20/22	09/20/22	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	Reported:
PO Box 247 Plains TX, 79355-0247	Project Number: Project Manager:	01058-0007 Tom Bynum	9/22/2022 12:36:55PM
	Valatila Ossassia Co	J- L EDA 92/0D	

Plains TX, 79355-0247		Project Manager	:: To	om Bynum				9/22	2/2022 12:36:55PN
	V	olatile Organi	ic Compo	unds by EI	PA 82601	В		A	analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2239016-BLK1)							Prepared: 09	9/19/22 Analy	vzed: 09/20/22
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	0.476		0.500		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			
LCS (2239016-BS1)							Prepared: 09	9/19/22 Analy	zed: 09/20/22
Benzene	2.14	0.0250	2.50		85.5	70-130		•	
Ethylbenzene	2.18	0.0250	2.50		87.2	70-130			
Toluene	2.14	0.0250	2.50		85.6	70-130			
o-Xylene	2.04	0.0250	2.50		81.7	70-130			
p,m-Xylene	4.07	0.0500	5.00		81.4	70-130			
Total Xylenes	6.11	0.0250	7.50		81.5	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.1	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			
Matrix Spike (2239016-MS1)				Source:	E209061-	02	Prepared: 09	9/19/22 Analy	zed: 09/20/22
Benzene	2.15	0.0250	2.50	ND	85.8	48-131			
Ethylbenzene	2.18	0.0250	2.50	ND	87.2	45-135			
Toluene	2.13	0.0250	2.50	ND	85.3	48-130			
o-Xylene	2.03	0.0250	2.50	ND	81.4	43-135			
p,m-Xylene	4.06	0.0500	5.00	ND	81.3	43-135			
Total Xylenes	6.10	0.0250	7.50	ND	81.3	43-135			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.1	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			
Matrix Spike Dup (2239016-MSD1)				Source:	E209061-	02	Prepared: 09	9/19/22 Analy	zed: 09/20/22
Benzene	2.12	0.0250	2.50	ND	84.8	48-131	1.17	23	
Ethylbenzene	2.17	0.0250	2.50	ND	86.7	45-135	0.575	27	
Toluene	2.13	0.0250	2.50	ND	85.4	48-130	0.117	24	
o-Xylene	2.03	0.0250	2.50	ND	81.2	43-135	0.271	27	
p,m-Xylene	4.06	0.0500	5.00	ND	81.2	43-135	0.0862	27	
Total Xylenes	6.09	0.0250	7.50	ND	81.2	43-135	0.148	27	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
a	0.522		0.500		107	70 130			



0.500

0.533

70-130

Surrogate: Toluene-d8

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	Reported:
PO Box 247	Project Number:	01058-0007	_
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

Plains TX, 79355-0247		Project Manager	: To	m Bynum				9/2	22/2022 12:36:55PM		
Volatile Organics by EPA 8021B											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2239018-BLK1)]	Prepared: 0	9/19/22 Ana	lyzed: 09/20/22		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
oluene	ND	0.0250									
-Xylene	ND	0.0250									
,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
urrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130					
LCS (2239018-BS1)]	Prepared: 0	9/19/22 Ana	lyzed: 09/20/22		
Benzene	4.80	0.0250	5.00		96.0	70-130					
thylbenzene	4.12	0.0250	5.00		82.4	70-130					
Coluene	4.33	0.0250	5.00		86.6	70-130					
-Xylene	4.21	0.0250	5.00		84.3	70-130					
,m-Xylene	8.34	0.0500	10.0		83.4	70-130					
Total Xylenes	12.5	0.0250	15.0		83.7	70-130					
urrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130					
LCS Dup (2239018-BSD1)						1	Prepared: 0	9/19/22 Ana	lyzed: 09/20/22		
Benzene	5.32	0.0250	5.00		106	70-130	10.2	20			
Ethylbenzene	4.35	0.0250	5.00		87.1	70-130	5.57	20			
oluene	4.63	0.0250	5.00		92.6	70-130	6.68	20			
-Xylene	4.41	0.0250	5.00		88.3	70-130	4.66	20			
,m-Xylene	8.84	0.0500	10.0		88.4	70-130	5.82	20			
otal Xylenes	13.2	0.0250	15.0		88.3	70-130	5.43	20			



Surrogate: Toluene-d8

0.543

QC Summary Data

LVP Line W. of Longview Fed 6 #11 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007

Plains TX, 79355-0247		Project Manager:		om Bynum					9/22/2022 12:36:55PM
	No	onhalogenated O	rganics	by EPA 80	15D - GF	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2239016-BLK1)							Prepared: 0	9/19/22	Analyzed: 09/20/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.476		0.500		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			
LCS (2239016-BS2)							Prepared: 0	9/19/22	Analyzed: 09/20/22
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.2	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			
Matrix Spike (2239016-MS2)				Source:	E209061-0)2	Prepared: 0	9/19/22	Analyzed: 09/20/22
Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			
Matrix Spike Dup (2239016-MSD2)				Source:	E209061-0)2	Prepared: 0	9/19/22	Analyzed: 09/20/22
Gasoline Range Organics (C6-C10)	53.4	20.0	50.0	ND	107	70-130	1.28	20	
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.7	70-130			

0.500

109

70-130



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

Plains TX, 79355-0247		Project Manager		m Bynum					9/22/2022 12:36:55PM
	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 (2239018-BLK1)							Prepared: 0	9/19/22 A	nalyzed: 09/20/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.77		8.00		84.6	70-130			
LCS (2239018-BS2)							Prepared: 0	9/19/22 A	nalyzed: 09/20/22
Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.61		8.00		82.6	70-130			
LCS Dup (2239018-BSD2)							Prepared: 0	9/19/22 A	nalyzed: 09/20/22
Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	70-130	4.13	20	-
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.78		8.00		84.8	70-130			

Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					9/22/2022 12:36:55PM
	Nonha	logenated Or	ganics by	EPA 80151	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 (2238082-BLK1)							Prepared: 0	9/19/22 A	nalyzed: 09/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	38.0		50.0		76.0	50-200			
LCS (2238082-BS1)							Prepared: 0	9/19/22 A	nalyzed: 09/19/22
Diesel Range Organics (C10-C28)	236	25.0	250		94.3	38-132			
Surrogate: n-Nonane	39.9		50.0		79.8	50-200			
Matrix Spike (2238082-MS1)				Source:	E209063-0	03	Prepared: 0	9/19/22 A	nalyzed: 09/19/22
Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.0	38-132			
Surrogate: n-Nonane	41.6		50.0		83.3	50-200			
Matrix Spike Dup (2238082-MSD1)				Source:	E209063-0	03	Prepared: 0	9/19/22 A	nalyzed: 09/19/22
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.7	38-132	2.82	20	
Surrogate: n-Nonane	38.9		50.0		77.8	50-200			



Pima Environmental Services-Carlsbad	Project Name:	LVP Line W. of Longview Fed 6 #11	Reported:
PO Box 247	Project Number:	01058-0007	-
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/22/2022 12:36:55PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					9/22/2022 12:36:55PM
	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 (2239015-BLK1)							Prepared: 0	9/19/22 A	nalyzed: 09/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.8		50.0		81.7	50-200			
LCS (2239015-BS1)							Prepared: 0	9/19/22 A	nalyzed: 09/20/22
Diesel Range Organics (C10-C28)	234	25.0	250		93.8	38-132			
Surrogate: n-Nonane	40.2		50.0		80.3	50-200			
Matrix Spike (2239015-MS1)				Source:	E209075-	07	Prepared: 0	9/19/22 A	nalyzed: 09/20/22
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.8	38-132			
Surrogate: n-Nonane	41.1		50.0		82.2	50-200			
Matrix Spike Dup (2239015-MSD1)				Source:	E209075-	07	Prepared: 0	9/19/22 A	nalyzed: 09/20/22
Diesel Range Organics (C10-C28)	245	25.0	250	ND	97.8	38-132	1.95	20	
Surrogate: n-Nonane	42.1		50.0		84.1	50-200			



Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Number: Project Manager:	LVP Line W. of Longview Fed 6 #11 01058-0007 Tom Bynum	Reported: 9/22/2022 12:36:55PM
Tialis 1A, 79333-0247		EPA 300.0/9056A	Applyed: DAS

1 mins 111, 75555 0217		Troject Manage	. 10	пт Бупапт					
		Anions	by EPA 3	00.0/9056A	4				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2239041-BLK1)							Prepared: 0	9/20/22 Ana	alyzed: 09/20/22
Chloride	ND	20.0							
LCS (2239041-BS1)							Prepared: 0	9/20/22 Ana	alyzed: 09/20/22
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2239041-MS1)				Source:	E209073-	01	Prepared: 0	9/20/22 Ana	alyzed: 09/20/22
Chloride	10700	400	250	16000	NR	80-120			M5
Matrix Spike Dup (2239041-MSD1)				Source:	E209073-	01	Prepared: 0	9/20/22 Ana	alyzed: 09/20/22
Chloride	13000	400	250	16000	NR	80-120	19.9	20	M5

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		VP Line W. of 1058-0007	Longview	Fed 6 #1	1		Reported:
Plains TX, 79355-0247		Project Manager:		om Bynum					9/22/2022 12:36:55PM
		Anions l	oy EPA	300.0/9056	1				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2239042-BLK1)							Prepared: 0	9/20/22 A	nalyzed: 09/20/22
Chloride LCS (2239042-BS1)	ND	20.0					Prepared: 0	9/20/22 A	nalyzed: 09/20/22
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2239042-MS1)				Source:	E209075-0	01	Prepared: 0	9/20/22 A	nalyzed: 09/20/22
Chloride	14500	400	250	17800	NR	80-120			M5
Matrix Spike Dup (2239042-MSD1)				Source:	E209075-	01	Prepared: 0	9/20/22 A	nalyzed: 09/20/22
Chloride	8630	400	250	17800	NR	80-120	50.8	20	M5, R3

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:	LVP Line W. of Longview Fed 6 #11	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/22/22 12:36

M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The

accociated LCS spike recovery was acceptable.

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

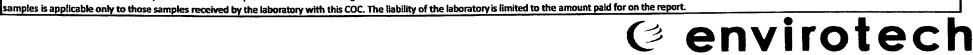
Page	1	of	3

Client: P	ima Envi	mnment	al Servi		N. (1)		Bill To		1.140		La	b Us	e Onl	y		Т			TAT	T	EPA	Program
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Sample Matr	rix: S - Soil, So	1 - Solid, Sg -	Sludge, A -	Aqueous, O - O	ther			Contain	er Ty	pe: g ·	glass	s, p -	poly/	plasti	c, ag - :	ambe	er gla	ss, v	- VOA	\		
Note: Samp	oles are disc	arded 30 d	lays after n	esults are rep	orted unle	ess other	arrangements are made. Hazardou	s samples w	iil be r	etume	ed to	client	or disp	osed	of at th	e clie	nt ex	pense	. The	report for t	he analysis of t	he above
camplac ic	annlicable c	nhi to thac	o complee	manhand bu b	ha labomi	ane seciela	this COC. The liability of the laborate	ny is limited	to the	amou	ınt na	id for	on the	e repo	ort.							

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

Cenvirotech

Received by OCD: 7/11/2023 12:00:26 AM



Project Information

Chain of Custody

Page <u>3</u> of <u>3</u>

Client: P	ima Env	ronmen	tal Servi	ces			Bill To		للأركبان الم	والمداد	La	b Us	e On	ly.	رغانة ويترويون				TAT		EPA P	rogram
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I, (field sam	pler), attest t	o the validity	y and authen	ticity of this sa	imple. I an	aware t	Billing # 2105766 hat tampering with or intentionally misla	beiling the samp	le locat	tion,										ved on ice the day		led or received
date or time	of collection	is considere	ed fraud and	may be groun	ds for legal	action.	hat tampering with or intentionally misla Sampled by: 300 H	enson_					pack	ed in ice	at an avg t	emp ab	ove 01	but less	than 6 °C	on subsequent da	ys.	
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Sample Ma	trix; S - Soil. S	d - Solid. Se	- Sludge. A -	Aqueous, O - C	L Other		L	Contain	er Tyr	e: g -	glass	, p - I				nber	glass	, v - V	OA			
Note: 5am	ples are dis	carded 30	days after r	esults are rep	orted un	less oth	er arrangements are made. Hazard	ous samples wi	il be n	eturne	d to c	lient (or disp	osed	of at the	client	expe	nse.	The rep	oort for the ana	lysis of the	above
							th this COC. The liability of the labora															



Printed: 9/16/2022 9:07:17AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

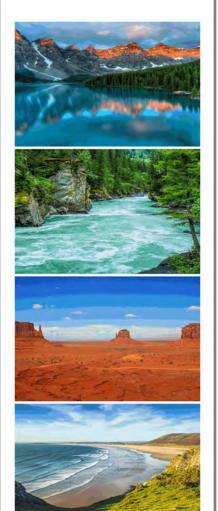
Instructions: Please take note of any NO checkmarks.

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:	09/15/22	4:43		Work Order ID:	E209075
Phone:	(575) 631-6977	Date Logged In:	09/15/22 1	.5:23		Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	09/21/22	17:00 (4 day TAT)		,	
1. Does th 2. Does th 3. Were sa 4. Was the 5. Were al	Custody (COC) The sample ID match the COC? The number of samples per sampling site location may amples dropped off by client or carrier? The COC complete, i.e., signatures, dates/times, reque all samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e., 15 minute hold time, are not included in this disucssiturn Around Time (TAT)	ested analyses?	Yes Yes Yes Yes Yes	Carrier: <u>C</u>	Courier	<u>Comment</u>	s/Resolution
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	•		105				
	cample cooler received?		Yes				
	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	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 arminutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
		temperature. 4	<u>_</u>				
Sample C			Mo				
	queous VOC samples present? OC samples collected in VOA Vials?		No NA				
	head space less than 6-8 mm (pea sized or less)?		NA NA				
			NA NA				
	trip blank (TB) included for VOC analyses?	,9					
	on-VOC samples collected in the correct containers		Yes Yes				
	appropriate volume/weight or number of sample contai	ners conected?	res				
Sa	ner field sample labels filled out with the minimum info ample ID? ate/Time Collected?	ormation:	Yes Yes				
	ollectors name?		No				
Sample P	reservation_		- 10				
21. Does t	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
Multipha	se Sample Matrix						
26. Does 1	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontr	act Laboratory						
	imples required to get sent to a subcontract laborate	orv?	No				
	subcontract laboratory specified by the client and i	*	NA	Subcontract Lab	o: na		
	<u>istruction</u>				114		

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: LVP Line

LVP Line 975 Ft. West of Longview

Fed 6 #11

Work Order: E305190

Job Number: 01058-0007

Received: 5/31/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/1/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/1/23

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: LVP Line 975 Ft. West of Longview Fed 6 #11

Workorder: E305190

Date Received: 5/31/2023 6:25:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/31/2023 6:25:00AM, under the Project Name: LVP Line 975 Ft. West of Longview Fed 6 #11.

The analytical test results summarized in this report with the Project Name: LVP Line 975 Ft. West of Longview Fed 6 #11 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

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Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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labadmin@envirotech-inc.com

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Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

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

Rayny Hagan

West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Γ	Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	Reported:
١	PO Box 247	Project Number:	01058-0007	Reporteu:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/01/23 13:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 - 4'	E305190-01A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CS2 - 4'	E305190-02A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CS3 - 4'	E305190-03A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CS4 - 4'	E305190-04A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CS5 - 4'	E305190-05A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CS6 - 4'	E305190-06A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CS7 - 4'	E305190-07A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CS8 - 4'	E305190-08A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CS9 - 4'	E305190-09A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CS10 - 4'	E305190-10A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW1	E305190-11A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW2	E305190-12A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW3	E305190-13A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW4	E305190-14A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW5	E305190-15A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW6	E305190-16A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW7	E305190-17A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW8	E305190-18A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW9	E305190-19A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW10	E305190-20A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW11	E305190-21A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW12	E305190-22A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW13	E305190-23A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW14	E305190-24A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW15	E305190-25A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW16	E305190-26A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW17	E305190-27A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW18	E305190-28A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW19	E305190-29A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.
CSW20	E305190-30A	Soil	05/25/23	05/31/23	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CS1 - 4' E305190-01

	E303170-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
			•		
mg/kg	mg/kg	Analy	st: SL		Batch: 2322033
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0500	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
	94.8 %	70-130	05/30/23	05/31/23	
mg/kg	mg/kg	Analy	st: SL		Batch: 2322033
ND	20.0	1	05/30/23	05/31/23	
	91.2 %	70-130	05/30/23	05/31/23	
mg/kg	mg/kg	Analy	st: JL		Batch: 2322036
ND	25.0	1	05/31/23	05/31/23	
ND	50.0	1	05/31/23	05/31/23	
	113 %	50-200	05/31/23	05/31/23	
mg/kg	mg/kg	Analy	st: BA		Batch: 2322027
ND				05/31/23	
	ND ND ND ND Mg/kg ND mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 94.8 % mg/kg MD 20.0 91.2 % mg/kg ND 25.0 ND 50.0 113 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MR/kg mg/kg Analys MR/kg mg/kg Analys ND 20.0 1 MR/kg mg/kg Analys ND 25.0 1 ND 50.0 1 113 % 50-200 mg/kg mg/kg Analys	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 05/30/23 ND 0.0250 1 05/30/23 ND 0.0250 1 05/30/23 ND 0.0250 1 05/30/23 ND 0.0500 1 05/30/23 ND 0.0250 1 05/30/23 mg/kg mg/kg Analyst: SL ND 20.0 1 05/30/23 mg/kg mg/kg Analyst: JL ND 25.0 1 05/31/23 ND 50.0 1 05/31/23 ND 50.0 1 05/31/23 ND 50.0 1 05/31/23 Mg/kg mg/kg Analyst: BA	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/30/23 05/31/23 ND 0.0500 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 mg/kg mg/kg Analyst: SL ND 20.0 1 05/30/23 05/31/23 mg/kg mg/kg Analyst: SL ND 05/31/23 ND 20.0 1 05/30/23 05/31/23 Mg/kg mg/kg Analyst: JL ND 25.0 1 05/31/23 05/31/23 ND 25.0 1 05/31/23 05/31/23 05/31/23 ND 50.0 1 <td< td=""></td<>

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CS2 - 4' E305190-02

	1505170 02				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: SL		Batch: 2322033
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0500	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
	97.1 %	70-130	05/30/23	05/31/23	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2322033
ND	20.0	1	05/30/23	05/31/23	
	91.4 %	70-130	05/30/23	05/31/23	
mg/kg	mg/kg	Analy	yst: JL		Batch: 2322036
ND	25.0	1	05/31/23	05/31/23	
ND	50.0	1	05/31/23	05/31/23	
	112 %	50-200	05/31/23	05/31/23	
mg/kg	mg/kg	Analy	yst: BA		Batch: 2322027
ND	20.0	1	05/30/23	05/31/23	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 97.1 % mg/kg MD 20.0 91.4 % mg/kg ND 25.0 ND 50.0 112 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 97.1 % 70-130 mg/kg mg/kg Analy ND 20.0 1 91.4 % 70-130 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 112 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 05/30/23 ND 0.0250 1 05/30/23 ND 0.0250 1 05/30/23 ND 0.0500 1 05/30/23 ND 0.0250 1 05/30/23 ND 0.0250 1 05/30/23 mg/kg mg/kg Analyst: SL ND 20.0 1 05/30/23 mg/kg mg/kg Analyst: JL ND 25.0 1 05/31/23 ND 25.0 1 05/31/23 ND 50.0 1 05/31/23 ND 50.0 1 05/31/23 ND 50.0 1 05/31/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 ND 0.0500 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 mg/kg mg/kg Analyst: SL ND 20.0 1 05/30/23 05/31/23 mg/kg mg/kg Analyst: SL ND 25.0 1 05/30/23 05/31/23 MD 25.0 1 05/30/23 05/31/23 05/31/23 ND 25.0 1 05/31/23 05/31/23 ND 50.0 1 05/31/23 05/31/23 ND 50.0 1 05/31/23 05/31/23

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CS3 - 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	05/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	05/31/23	
Surrogate: n-Nonane		114 %	50-200	05/31/23	05/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2322027
Chloride	ND	20.0	1	05/30/23	05/31/23	

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CS4 - 4'

Result	Reporting Limit	Dilı	ıti	D 1		
		Diii	ши	Prepared	Analyzed	Notes
ng/kg	mg/kg		Analyst:	SL		Batch: 2322033
ND	0.0250		1	05/30/23	05/31/23	
ND	0.0250		1	05/30/23	05/31/23	
ND	0.0250		1	05/30/23	05/31/23	
ND	0.0250		1	05/30/23	05/31/23	
ND	0.0500		1	05/30/23	05/31/23	
ND	0.0250		1	05/30/23	05/31/23	
	96.7 %	70-130		05/30/23	05/31/23	
ng/kg	mg/kg		Analyst:	SL		Batch: 2322033
ND	20.0		1	05/30/23	05/31/23	
	91.8 %	70-130		05/30/23	05/31/23	
ng/kg	mg/kg		Analyst:	JL		Batch: 2322036
ND	25.0		1	05/31/23	05/31/23	
ND	50.0		1	05/31/23	05/31/23	
	113 %	50-200		05/31/23	05/31/23	
ng/kg	mg/kg		Analyst:	BA		Batch: 2322027
1	ND N	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 96.7 % mg/kg mg/kg ND 20.0 91.8 % mg/kg ND 25.0 ND 25.0	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 96.7 % 70-130 ng/kg mg/kg ND 20.0 91.8 % 70-130 ng/kg mg/kg ND 25.0 ND 50.0	ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 Physical Street of the st	ND 0.0250 1 05/30/23 ND 0.0500 1 05/30/23 ND 0.0250 1 05/30/23 ND 0.0250 1 05/30/23 ND 0.0250 1 05/30/23 96.7 % 70-130 05/30/23 ng/kg mg/kg Analyst: SL ND 20.0 1 05/30/23 91.8 % 70-130 05/30/23 ng/kg mg/kg Analyst: JL ND 25.0 1 05/31/23 ND 25.0 1 05/31/23 ND 50.0 1 05/31/23	ND 0.0250 1 05/30/23 05/31/23 ND 0.0500 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 96.7 % 70-130 05/30/23 05/31/23 ng/kg mg/kg Analyst: SL ND 20.0 1 05/30/23 05/31/23 91.8 % 70-130 05/30/23 05/31/23 ng/kg mg/kg Analyst: JL ND 25.0 1 05/31/23 05/31/23 ND 25.0 1 05/31/23 05/31/23 ND 50.0 1 05/31/23 05/31/23



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CS5 - 4'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
ND	0.0500	1	05/30/23	05/31/23	
ND	0.0250	1	05/30/23	05/31/23	
	96.4 %	70-130	05/30/23	05/31/23	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
ND	20.0	1	05/30/23	05/31/23	
	92.7 %	70-130	05/30/23	05/31/23	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2322036
ND	25.0	1	05/31/23	06/01/23	
ND	50.0	1	05/31/23	06/01/23	
	112 %	50-200	05/31/23	06/01/23	
mg/kg	mg/kg	Analy	yst: BA		Batch: 2322027
gg	8 8				
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 MD 20.0250 96.4 % mg/kg MD 20.0 92.7 % mg/kg MD 25.0 ND 50.0 112 %	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Analy MD 20.0 1 MB/kg mg/kg Analy ND 25.0 1 ND 50.0 1 112 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 05/30/23 ND 0.0250 1 05/30/23 ND 0.0250 1 05/30/23 ND 0.0500 1 05/30/23 ND 0.0250 1 05/30/23 ND 0.0250 1 05/30/23 mg/kg mg/kg Analyst: SL ND 20.0 1 05/30/23 mg/kg mg/kg Analyst: JL ND 25.0 1 05/31/23 ND 25.0 1 05/31/23 ND 50.0 1 05/31/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 ND 0.0500 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 ND 0.0250 1 05/30/23 05/31/23 mg/kg mg/kg Analyst: SL ND 20.0 1 05/30/23 05/31/23 mg/kg mg/kg Analyst: SL ND 20.0 1 05/30/23 05/31/23 mg/kg mg/kg Analyst: JL ND 25.0 1 05/31/23 06/01/23 ND 50.0 1 05/31/23 06/01/23 ND 50.0 1 05/31/23 06/01/23



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CS6 - 4' E305190-06

		E303170-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
o,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		113 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2322027
Chloride	ND	20.0	1	05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CS7 - 4' E305190-07

		E303190-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		112 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: BA		Batch: 2322027
Chloride	ND	20.0	1	05/30/23	05/31/23	·



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CS8 - 4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		114 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2322027
·	ND	20.0	-	05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CS9 - 4'

		E305190-09						
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2322033		
Benzene	ND	0.0250	1	05/30/23	05/31/23			
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23			
Toluene	ND	0.0250	1	05/30/23	05/31/23			
o-Xylene	ND	0.0250	1	05/30/23	05/31/23			
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23			
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23			
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	05/30/23	05/31/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2322033		
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23			
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	05/30/23	05/31/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2322036		
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23			
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23			
Surrogate: n-Nonane		114 %	50-200	05/31/23	06/01/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2322027		
Chloride	ND	20.0	1	05/30/23	05/31/23			



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CS10 - 4' E305190-10

		E305190-10				
Austra	Result	Reporting Limit	Dilution	D	A	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		114 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2322027
Chloride	ND	20.0	1	05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW1

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		114 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2322027
· · · · · · · · · · · · · · · · · · ·	ND	20.0		05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW2

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		113 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2322027
Chloride	ND	20.0	1	05/30/23	05/31/23	·



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW3

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
o,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		117 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2322027
	ND	20.0	1	05/30/23	05/31/23	•



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW4

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		107 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2322027
Chloride	ND	20.0	1	05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		113 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2322027
Chloride	ND	20.0	1	05/30/23	05/31/23	

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW6

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		115 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2322027
Chloride	ND	20.0	1	05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW7

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		116 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2322027
Chloride	ND	20.0	1	05/30/23	05/31/23	·



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW8

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		107 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2322027
	ND	<u> </u>		05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW9

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		114 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2322027
Chloride	ND	20.0	1	05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW10 E305190-20

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2322033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2322036
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/23	06/01/23	
Surrogate: n-Nonane		114 %	50-200	05/31/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2322027
Chloride	ND	20.0	1	05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW11

		E305190-21					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2322032
Benzene	ND	0.0250		1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250		1	05/30/23	05/31/23	
Toluene	ND	0.0250		1	05/30/23	05/31/23	
o-Xylene	ND	0.0250		1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500		1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250		1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		98.8 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		93.9 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2322032
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		98.8 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		93.9 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2322016
Diesel Range Organics (C10-C28)	ND	25.0		1	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/30/23	05/31/23	
Surrogate: n-Nonane		104 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2322029

20.0

1

05/30/23

05/31/23

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW12

		E305190-22					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2322032
Benzene	ND	0.0250	1	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250		1	05/30/23	05/31/23	
Toluene	ND	0.0250		1	05/30/23	05/31/23	
o-Xylene	ND	0.0250		1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500		1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		96.2 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		92.7 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2322032
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		96.2 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		92.7 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2322016
Diesel Range Organics (C10-C28)	ND	25.0		1	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/30/23	05/31/23	
Surrogate: n-Nonane		103 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2322029
Chloride	ND	20.0		1	05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW13 E305190-23

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL		Batch: 2322032
Benzene	ND	0.0250	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		98.5 %	70-130	05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/30/23	05/31/23	
Surrogate: Toluene-d8		92.8 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL		Batch: 2322032
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		98.5 %	70-130	05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/30/23	05/31/23	
Surrogate: Toluene-d8		92.8 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2322016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/30/23	05/31/23	
Surrogate: n-Nonane		104 %	50-200	05/30/23	05/31/23	
A . 1 EDA 200 0/005CA		ma/lra	Δ	Analyst: BA		Batch: 2322029
Anions by EPA 300.0/9056A	mg/kg	mg/kg	21	maryst: B21		Daten. 2322027



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW14

		E305190-24					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2322032
Benzene	ND	0.0250	1	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	1	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		98.8 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		92.5 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2322032
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		98.8 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		92.5 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2322016
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/30/23	05/31/23	
Surrogate: n-Nonane		82.8 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2322029
Chloride	ND	20.0	1	1	05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW15 E305190-25

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL			Batch: 2322032
Benzene	ND	0.0250	1	1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	1	05/30/23	05/31/23	
Toluene	ND	0.0250	1	l	05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	l	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	l	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		97.6 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		94.1 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL	ı.		Batch: 2322032
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		97.6 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		94.1 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2322016
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/30/23	06/01/23	
Surrogate: n-Nonane		107 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA	A		Batch: 2322029



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW16 E305190-26

	D 1	Reporting	ъ.,				N.
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2322032
Benzene	ND	0.0250		1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250		1	05/30/23	05/31/23	
Toluene	ND	0.0250		1	05/30/23	05/31/23	
o-Xylene	ND	0.0250		1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500		1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250		1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		94.0 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2322032
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		94.0 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2322016
Diesel Range Organics (C10-C28)	ND	25.0		1	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/30/23	06/01/23	
Surrogate: n-Nonane		110 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2322029
Chloride	ND	20.0		1	05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW17

		E305190-27					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: SI	_		Batch: 2322032
Benzene	ND	0.0250	1	ļ	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1		05/30/23	05/31/23	
Toluene	ND	0.0250	1		05/30/23	05/31/23	
o-Xylene	ND	0.0250	1		05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1		05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	ļ	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		93.1 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: SI	_		Batch: 2322032
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		93.1 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL	,		Batch: 2322016
Diesel Range Organics (C10-C28)	ND	25.0	1		05/30/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1		05/30/23	06/01/23	
Surrogate: n-Nonane	·	91.7 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: B	Α		Batch: 2322029
Chloride	ND	20.0	1		05/30/23	05/31/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW18 E305190-28

		E303170-20					
A 1.	D. I	Reporting	P."		D 1		N
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SI			Batch: 2322032
Benzene	ND	0.0250	1	l	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250	1	[05/30/23	05/31/23	
Toluene	ND	0.0250	1	[05/30/23	05/31/23	
o-Xylene	ND	0.0250	1	[05/30/23	05/31/23	
p,m-Xylene	ND	0.0500	1	l	05/30/23	05/31/23	
Total Xylenes	ND	0.0250	1	l	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		93.1 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SI			Batch: 2322032
Gasoline Range Organics (C6-C10)	ND	20.0	1	I	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		93.1 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2322016
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/30/23	06/01/23	
Surrogate: n-Nonane		89.5 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: B	A		Batch: 2322029
Chloride	ND	20.0	1	1	05/30/23	05/31/23	
Anions by EPA 300.0/9056A Chloride						05/31/23	Batch: 2322029



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW19 E305190-29

Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			Batch: 2322032
Benzene	ND	0.0250		1	05/30/23	05/31/23	
Ethylbenzene	ND	0.0250		1	05/30/23	05/31/23	
Toluene	ND	0.0250		1	05/30/23	05/31/23	
o-Xylene	ND	0.0250		1	05/30/23	05/31/23	
p,m-Xylene	ND	0.0500		1	05/30/23	05/31/23	
Total Xylenes	ND	0.0250		1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		94.9 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2322032
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		94.9 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2322016
Diesel Range Organics (C10-C28)	ND	25.0		1	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/30/23	06/01/23	
Surrogate: n-Nonane		91.0 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2322029
Chloride	ND	20.0		1	05/30/23	05/31/23	_



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

CSW20 E305190-30

		1000170 00					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:	•		Batch: 2322032
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	05/30/23	05/31/23	Batch. 2322032
Benzene	ND ND	0.0250		1	05/30/23	05/31/23	
Ethylbenzene Toluene	ND ND	0.0250		1	05/30/23	05/31/23	
	ND ND	0.0250		1	05/30/23	05/31/23	
o-Xylene	ND ND	0.0230		1	05/30/23	05/31/23	
p,m-Xylene	ND ND	0.0300		1	05/30/23	05/31/23	
Total Xylenes	ND			1			
Surrogate: Bromofluorobenzene		97.5 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		93.7 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2322032
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		97.5 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8		93.7 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2322016
Diesel Range Organics (C10-C28)	ND	25.0		1	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/30/23	06/01/23	
Surrogate: n-Nonane		93.2 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2322029
Chloride	ND	20.0		1	05/30/23	05/31/23	



QC Summary Data

Pima Environmental Services-Carlsbad Project Name: LVP Line 975 Ft. West of Longview Fed 6 #11

PO Box 247

Plains TX, 79355-0247

Project Manager: Tom Bynum

LVP Line 975 Ft. West of Longview Fed 6 #11

Reported:

6/1/2023 1:28:32PM

Plains TX, 79355-0247		Project Manage	r: To	om Bynum				(6/1/2023 1:28:32PM
	V	olatile Organ	ic Compo	unds by EI	PA 8260	В			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2322032-BLK1)							Prepared: 0:	5/30/23 An	alyzed: 05/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.8	70-130			
LCS (2322032-BS1)							Prepared: 0:	5/30/23 An	alyzed: 05/30/23
Benzene	2.22	0.0250	2.50		88.7	70-130			
Ethylbenzene	2.10	0.0250	2.50		84.1	70-130			
Toluene	2.04	0.0250	2.50		81.6	70-130			
o-Xylene	2.07	0.0250	2.50		82.7	70-130			
p,m-Xylene	3.92	0.0500	5.00		78.4	70-130			
Total Xylenes	5.99	0.0250	7.50		79.8	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.464		0.500		92.7	70-130			
LCS Dup (2322032-BSD1)							Prepared: 0	5/30/23 An	alyzed: 05/30/23
Benzene	2.30	0.0250	2.50		92.1	70-130	3.83	23	
Ethylbenzene	2.17	0.0250	2.50		86.9	70-130	3.32	27	
Toluene	2.11	0.0250	2.50		84.5	70-130	3.47	24	
o-Xylene	2.16	0.0250	2.50		86.5	70-130	4.49	27	
o,m-Xylene	4.13	0.0500	5.00		82.7	70-130	5.35	27	
Total Xylenes	6.30	0.0250	7.50		84.0	70-130	5.06	27	
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.534		0.500		107	70-130			

0.500

92.4

70-130



0.462

Surrogate: Toluene-d8

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	LVP Line 975 Ft. West of Longview Fed 6 #11 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

Plains TX, 79355-0247		Project Manager:		m Bynum					6/1/2023 1:28:32PM
		Volatile O	rganics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2322033-BLK1)]	Prepared: 0	5/30/23 Aı	nalyzed: 05/31/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			
LCS (2322033-BS1)]	Prepared: 0	5/30/23 Aı	nalyzed: 05/31/23
Benzene	4.04	0.0250	5.00		80.8	70-130			
Ethylbenzene	4.01	0.0250	5.00		80.3	70-130			
Toluene	4.13	0.0250	5.00		82.6	70-130			
o-Xylene	4.16	0.0250	5.00		83.3	70-130			
o,m-Xylene	8.19	0.0500	10.0		81.9	70-130			
Total Xylenes	12.4	0.0250	15.0		82.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.9	70-130			
LCS Dup (2322033-BSD1)						1	Prepared: 0	5/30/23 A1	nalyzed: 06/01/23
Benzene	4.31	0.0250	5.00		86.3	70-130	6.53	20	
Ethylbenzene	4.31	0.0250	5.00		86.1	70-130	7.02	20	
Toluene	4.44	0.0250	5.00		88.8	70-130	7.28	20	
o-Xylene	4.42	0.0250	5.00		88.5	70-130	6.03	20	
p,m-Xylene	8.78	0.0500	10.0		87.8	70-130	6.87	20	
Total Xylenes	13.2	0.0250	15.0		88.0	70-130	6.58	20	



QC Summary Data

Pima Environmental Services-CarlsbadProject Name:LVP Line 975 Ft. West of Longview Fed 6 #11Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum6/1/2023 1:28:32PM

Nonhalogenated	Organics	by EPA	8015D	- GRO

Analyst: S	SL
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Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2322032-BLK1)					I	Prepared: 05	5/30/23 Anal	yzed: 05/30/23
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.489		0.500	97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500	104	70-130			
Surrogate: Toluene-d8	0.469		0.500	93.8	70-130			
LCS (2322032-BS2)					I	Prepared: 05	5/30/23 Anal	yzed: 05/30/23
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0	82.2	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500	98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500	103	70-130			
Surrogate: Toluene-d8	0.470		0.500	93.9	70-130			
LCS Dup (2322032-BSD2)					I	Prepared: 05	5/30/23 Anal	yzed: 05/30/23
Gasoline Range Organics (C6-C10)	36.9	20.0	50.0	73.8	70-130	10.7	20	
Surrogate: Bromofluorobenzene	0.489		0.500	97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500	104	70-130			
Surrogate: Toluene-d8	0.465		0.500	92.9	70-130			



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	LVP Line 975 Ft. West of Longview Fed 6 #11 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum					6/1/2023 1:28:32PM	
	Non	halogenated	Organics	by EPA 80	15D - G	RO		Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2322033-BLK1)							Prepared: 0	5/30/23	Analyzed: 05/31/23	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130				
LCS (2322033-BS2)							Prepared: 0	5/30/23	Analyzed: 05/31/23	
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.5	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130				
LCS Dup (2322033-BSD2)							Prepared: 0	5/30/23	Analyzed: 05/31/23	
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.8	70-130	0.330	20	-	

70-130

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

	Project Manager	r: To	m Bynum					6/1/2023 1:28:32PM			
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KM											
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
						Prepared: 0	5/30/23 A1	nalyzed: 05/31/23			
ND	25.0										
ND	50.0										
50.5		50.0		101	50-200						
						Prepared: 0:	5/30/23 Aı	nalyzed: 05/31/23			
242	25.0	250		97.0	38-132						
43.8		50.0		87.7	50-200						
			Source:	E305190-2	21	Prepared: 0:	5/30/23 Aı	nalyzed: 05/31/23			
252	25.0	250	ND	101	38-132						
44.8		50.0		89.7	50-200						
			Source:	E305190-2	21	Prepared: 0:	5/30/23 Aı	nalyzed: 05/31/23			
244	25.0	250	ND	97.4	38-132	3.54	20				
	Result mg/kg ND ND 50.5 242 43.8	Nonhalogenated Or Reporting Limit mg/kg Limit mg/kg ND 25.0 ND 50.0 50.5 242 25.0 43.8 252 25.0 44.8	Nonhalogenated Organics by	Nonhalogenated Organics by EPA 8015	Nonhalogenated Organics by EPA 8015D - DRO	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg % % % % % % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits RPD mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Reporting Spike Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % %			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					6/1/2023 1:28:32PM		
Nonhalogenated Organics by EPA 8015D - 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 (2322036-BLK1)							Prepared: 0	5/31/23 An	alyzed: 05/31/23		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
urrogate: n-Nonane	57.2		50.0		114	50-200					
LCS (2322036-BS1)							Prepared: 0	5/31/23 An	alyzed: 05/31/23		
Diesel Range Organics (C10-C28)	285	25.0	250		114	38-132					
urrogate: n-Nonane	57.1		50.0		114	50-200					
Matrix Spike (2322036-MS1)				Source:	E305190-	01	Prepared: 0	5/31/23 An	alyzed: 05/31/23		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132					
urrogate: n-Nonane	56.9		50.0		114	50-200					
Matrix Spike Dup (2322036-MSD1)				Source:	E305190-	01	Prepared: 0	5/31/23 An	alyzed: 05/31/23		
Diesel Range Organics (C10-C28)	286	25.0	250	ND	115	38-132	1.05	20			
urrogate: n-Nonane	58.1		50.0		116	50-200					

Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	LVP Line 975 Ft. West of Longview Fed 6 #11 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 1:28:32PM

	Anions by EPA 300.0/9056A									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2322027-BLK1)]	Prepared: 0	5/30/23 Anal	yzed: 05/31/23	
Chloride	ND	20.0								
LCS (2322027-BS1)						1	Prepared: 0	5/30/23 Anal	yzed: 05/31/23	
Chloride	250	20.0	250		100	90-110				
LCS Dup (2322027-BSD1)]	Prepared: 0	5/30/23 Anal	yzed: 05/31/23	

250

20.0

98.6

90-110

1.52



Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		LVP Line 975 F 01058-0007 Tom Bynum	t. West of	Longview	Fed 6 #11		Reported: 6/1/2023 1:28:32PM
		Anions	by EPA	300.0/9056A	\				Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2322029-BLK1)							Prepared: 0	5/30/23 An	alyzed: 05/31/23
Chloride	ND	20.0							
LCS (2322029-BS1)							Prepared: 0	5/30/23 An	alyzed: 05/31/23
Chloride	246	20.0	250		98.5	90-110			
LCS Dup (2322029-BSD1)							Prepared: 0	5/30/23 An	alyzed: 05/31/23

250

20.0

97.9

90-110

0.554

20

245

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:	LVP Line 975 Ft. West of Longview Fed 6 #11	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/01/23 13:28

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

Project Information

Chain of Custody

Page	_of <u></u>
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Received by OCD: 7/11/2023 12:00:26 AM

O!:																								
Client: F	ima E	nviro	nmen	<u>tal S</u>	ervic	<u> </u>	16411		Bill To		3/2	10 m		Lab U							TA			Program
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Project N							1.00,000.00	<u>Addre</u>			- 5	305	17	0			- <u>O</u> C		×					
Address:									tate, Zip						Anal	ysis a	nd Me	ethod						RCRA
City, Stat				<u> 88 . N</u>	240			Phone	2:		_	1												
Phone: 580-748-1613 Email:												8015		1	ł						ll		State	
Email: tom@pimaoil.com Report due by: Pima Project #													٦	٩	ا،	300.0			Σ	İ	1 1		O UT A	Z TX
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Addition	al Instr	uctio	ns:						B# 2	10576	64					<u>. </u>			L		11			
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iample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Contai									ner Tyr	er Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA														
Note: Sam	oles are o	liscard	ed 30 da	ays aft	er resu	Its are rep	orted unless	other a	rrangements are made. Haza	ardous samples v	vill be n	eturne	d to c	lient o	r dispo	sed o	f at th	e clier	it exp	ense.	The n	eport for the	analysis of th	e above
samples is	applicab	le only	to those	e samp	les rec	eived by th	e laborator	y with ti	his COC. The liability of the lab	oratory is limited	to the	amou	int pa	id for c	n the	repor	t.		•					



(Project Information
Client: Pima Envir Project: LYP Line
Project Manager:

Client Pine Frotromental Services Project War 15 FT Was it Leaves for Project Manager: Tom Brum Address: City. State. Zip Phone: 580-748-1613 Email: Diagonal Marth Consulter Sampled Sampled Marth Consulter Sampled Sampled Consulter Sampled Consulter Sampled Consulter Consulte
City State Zip Hobbs NM 88240 Phone: Email:
Address: 5614 N. Lovington Hwy. City, State, Zip Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by: Time Sampled Sampled Sampled Sampled Matrix Contables Sample ID CSW 7 9:00 CSW 7 9:10 CSW 5 9:20 CSW 6 9:35 CSW 6 9:35 CSW 7 9:30 CSW 7 9:30 CSW 9 19 19 10 10 10 10 10 10 10 1
Pince: 580-748-1613
Pima Project # 188 Pima Pr
7:50 5/15/10, S 1 CSW 1 11
7:50 5/15/10, S 1 CSW 1 7:00 CSW 7 7:05 CSW 3 7:10 CSW 4 7:15 CSW 5 7:20 CSW 6 7:25 CSW 8 7:35 CSW 8 7:35 CSW 9 7:45
(3.50 5) 15 1
9:05 CSW 3 13 14 14 19:15 CSW 6 10 17 17 17 17 19:25 CSW 8 18 19 19 19 19 19
1:10 CSW 4 14 14 19 19 19 19 19
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9:25 CSW 7 17 17 18 19:35 CSW 9 19 19 19 19
7:30 CSW8 18 19 19
9:35 CS W 9 19
9:40 + 1 (51)10
Additional Instructions: B# 21057664
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, Samples requiring thermal preservation must be received on ice the day they are sampled or received or ice the day they are sampled or received or ice at an avg temp above 0 but less than 6 °C on subsequent days.
Religionature) Date Time Jab Use Only S/30 1305 Received by: (Signature) 5.30.23 7305 Received on ice: (Y) N
Relinquished by: (Signature) Date 5.30.23 Time Received by: (Signature) Date Time Time
Relinquipped by: (Signature) Date Time Received by: (Signature) Signature) Date Time Received by: (Signature) Signature) AVG Temp °C. 4
Sample Matrix: S - Soil, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Received by OCD: 7/11/2023 12:00:26 AM



envirotech Inc.

Printed: 5/31/2023 8:05:24AM

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:	05/31/23 0	6:25		Work Order ID:	E305190				
Phone:	(575) 631-6977	Date Logged In:	05/30/23 1	4:27		Logged In By:	Caitlin Mars				
Email:	tom@pimaoil.com	Due Date:		7:00 (0 day TAT)		,					
Chain of	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 ma	tch the COC	Yes								
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	ourier						
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	_							
5. Were al	Il samples received within holding time?		Yes								
	Note: Analysis, such as pH which should be conducted in	•				Comment	s/Resolution				
С1- Л	i.e, 15 minute hold time, are not included in this disucssi	on.		1		Comment	<u> </u>				
	COC indicate standard TAT or Expedited TAT?		Yes								
	COC indicate standard TAT, or Expedited TAT?		168								
Sample C	contersion of the cooler received?		Yes								
	was cooler received in good condition?										
•	· ·		Yes								
	e sample(s) received intact, i.e., not broken?		Yes								
	custody/security seals present?		No								
•	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		Yes								
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>								
Sample C	Container										
	queous VOC samples present?		No								
15. Are V	OC samples collected in VOA Vials?		NA								
	head space less than 6-8 mm (pea sized or less)?		NA								
17. Was a	trip blank (TB) included for VOC analyses?		NA								
	on-VOC samples collected in the correct containers	?	Yes								
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes								
Field Lab	<u>oel</u>										
20. Were	— field sample labels filled out with the minimum info	ormation:									
	ample ID?		Yes								
	ate/Time Collected?		Yes	L							
	ollectors name?		Yes								
-	reservation		NT.								
	the COC or field labels indicate the samples were p	reserved?	No								
	ample(s) correctly preserved? filteration required and/or requested for dissolved n	antolo?	NA								
	1	netals?	No								
	se Sample Matrix	-									
	the sample have more than one phase, i.e., multipha		No								
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA								
Subcontr	act Laboratory										
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No								
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA						
Client In	<u>istruction</u>										

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: LVP Line 9

LVP Line 975 Ft. West of Longview

Fed 6 #11

Work Order: E306052

Job Number: 01058-0007

Received: 6/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/9/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/9/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: LVP Line 975 Ft. West of Longview Fed 6 #11

Workorder: E306052

Date Received: 6/8/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/8/2023 8:30:00AM, under the Project Name: LVP Line 975 Ft. West of Longview Fed 6 #11.

The analytical test results summarized in this report with the Project Name: LVP Line 975 Ft. West of Longview Fed 6 #11 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/09/23 14:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW 33	E306052-01A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 34	E306052-02A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 35	E306052-03A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 36	E306052-04A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 37	E306052-05A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 38	E306052-06A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 39	E306052-07A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 40	E306052-08A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 41	E306052-09A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 42	E306052-10A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 15	E306052-11A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 16	E306052-12A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 17	E306052-13A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 18	E306052-14A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 19	E306052-15A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 20	E306052-16A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 21	E306052-17A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 43	E306052-18A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 44	E306052-19A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 45	E306052-20A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 46	E306052-21A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 47	E306052-22A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 48	E306052-23A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CSW 33 E306052-01

		E500052-01					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		Batch: 2323045
Benzene	ND	0.0250		1	06/08/23	06/08/23	Butchi 2020 (10
Ethylbenzene	ND	0.0250		1	06/08/23	06/08/23	
Toluene	ND	0.0250		1	06/08/23	06/08/23	
o-Xylene	ND	0.0250		1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.2 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323045	
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.2 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/08/23	
Surrogate: n-Nonane		65.6 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2323050
Chloride	ND	20.0		1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CSW 34 E306052-02

		E300032-02					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2323045
Benzene	ND	0.0250	1	[06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	l	06/08/23	06/08/23	
Toluene	ND	0.0250	1	l	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	l	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	l	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	Į	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KN	Л		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	06/08/23	06/08/23	
Surrogate: n-Nonane		66.4 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA	<u> </u>		Batch: 2323050
Chloride	ND	20.0	1	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CSW 35 E306052-03

		E500052-05					
Austra	Dl/	Reporting			D 1	A valence !	N
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	?		Batch: 2323045
Benzene	ND	0.0250	1	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	1	06/08/23	06/08/23	
p-Xylene	ND	0.0250	1	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		100 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I\	7		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		100 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	M		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/08/23	06/08/23	
Surrogate: n-Nonane		66.7 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: B	A		Batch: 2323050
Chloride	ND	20.0	1	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CSW 36 E306052-04

		E300032-04					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	7		Batch: 2323045
Benzene	ND	0.0250	1	l	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	l	06/08/23	06/08/23	
Toluene	ND	0.0250	1	l	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	l	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	l	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	Į	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		104 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		101 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY	7		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		104 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		101 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	M		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	l	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	06/08/23	06/08/23	
Surrogate: n-Nonane		67.0 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: B.	A		Batch: 2323050
Chloride	ND	20.0	1		06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CSW 37 E306052-05

		E500032-03				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Allalyte	Result	Limit	Dilut	ion Frepared	Allalyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2323045
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		101 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		101 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		62.6 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2323050
Chloride	ND	20.0	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CSW 38 E306052-06

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2323045
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		104 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		104 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		63.4 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2323050
Chloride	ND	20.0	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

		E306052-07					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2323045
Benzene	ND	0.0250	1		06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/08/23	
Toluene	ND	0.0250	1		06/08/23	06/08/23	
o-Xylene	ND	0.0250	1		06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1		06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		103 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KN	Л		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/08/23	
Surrogate: n-Nonane		61.0 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA	ι		Batch: 2323050
Chloride	ND	20.0	1		06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

		E306052-08					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323045
Benzene	ND	0.0250		1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	į	1	06/08/23	06/08/23	
Toluene	ND	0.0250	į	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250		1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.6 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.6 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/08/23	
Surrogate: n-Nonane		61.8 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2323050
Chloride	90.4	20.0		1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CSW 41 E306052-09

		E300052-09					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323045
Benzene	ND	0.0250	1	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	1	06/08/23	06/08/23	
p-Xylene	ND	0.0250	1	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		97.5 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		97.5 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/08/23	06/08/23	
Surrogate: n-Nonane		60.8 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2323050
Chloride	ND	20.0	1	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

		E306052-10					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2323045
Benzene	ND	0.0250	1	l	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	l	06/08/23	06/08/23	
Toluene	ND	0.0250	1	l	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	l	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	l	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	l	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	CM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	[06/08/23	06/08/23	
Surrogate: n-Nonane		61.5 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: E	BA		Batch: 2323050
Chloride	ND	20.0	1	1	06/08/23	06/08/23	



Piı	ma Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PC) Box 247	Project Number:	01058-0007	Reported:
Pla	ains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CS 15

		E306052-11								
	Reporting									
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes			
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323045			
Benzene	ND	0.0250		1	06/08/23	06/08/23				
Ethylbenzene	ND	0.0250		1	06/08/23	06/08/23				
Toluene	ND	0.0250		1	06/08/23	06/08/23				
o-Xylene	ND	0.0250		1	06/08/23	06/08/23				
p,m-Xylene	ND	0.0500		1	06/08/23	06/08/23				
Total Xylenes	ND	0.0250		1	06/08/23	06/08/23				
Surrogate: Bromofluorobenzene		99.1 %	70-130		06/08/23	06/08/23				
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		06/08/23	06/08/23				
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323045			
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/08/23				
Surrogate: Bromofluorobenzene		99.1 %	70-130		06/08/23	06/08/23				
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		06/08/23	06/08/23				
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323040			
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/08/23				
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/08/23				
Surrogate: n-Nonane		57.6 %	50-200		06/08/23	06/08/23				
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2323050			

20.0

06/08/23

06/08/23

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CS 16

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2323045
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		62.7 %	50-200	06/08/23	06/08/23	
1 - EDA 200 0/005/1	mg/kg	mg/kg	A	Analyst: BA		Batch: 2323050
Anions by EPA 300.0/9056A	88	88				

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CS 17

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2323045
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		104 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		104 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		83.7 %	50-200	06/08/23	06/08/23	
1 - EDA 200 0/005/1	mg/kg	mg/kg	A	Analyst: BA		Batch: 2323050
Anions by EPA 300.0/9056A	88	88				



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CS 18

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E3	UO	UD	Z-	14

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2323045
Benzene	ND	0.0250	1		06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1		06/08/23	06/08/23	
Toluene	ND	0.0250	1	Į.	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	Į.	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	Į.	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1		06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		104 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		104 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		102 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1		06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1		06/08/23	06/08/23	
Surrogate: n-Nonane		74.9 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	BA		Batch: 2323050



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2323045
Benzene	ND	0.0250	1	(06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	(06/08/23	06/08/23	
Toluene	ND	0.0250	1	(06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	(06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	(06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	(06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		106 %	70-130	-	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	(06/08/23	06/08/23	
Surrogate: Toluene-d8		102 %	70-130	(06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	(06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		106 %	70-130	(06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	(06/08/23	06/08/23	
Surrogate: Toluene-d8		102 %	70-130	(06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM			Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	(06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	(06/08/23	06/08/23	
Surrogate: n-Nonane		83.3 %	50-200	(06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA			Batch: 2323050



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CS 20

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323045
Benzene	ND	0.0250	1	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		107 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		101 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		107 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		101 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/08/23	06/08/23	
Surrogate: n-Nonane		83.9 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2323050



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CS 21

		E500052-17					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:	•		Batch: 2323045
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	06/08/23	06/08/23	Batch. 2323043
Benzene	ND ND	0.0250		1	06/08/23	06/08/23	
Ethylbenzene	ND ND	0.0250		1	06/08/23	06/08/23	
Toluene	ND ND	0.0250		1	06/08/23	06/08/23	
o-Xylene	ND ND	0.0230		1	06/08/23	06/08/23	
p,m-Xylene	ND ND	0.0300		1	06/08/23	06/08/23	
Total Xylenes Surrogate: Bromofluorobenzene	ND	107 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethalie-u+ Surrogate: Toluene-d8		97.8 % 106 %	70-130 70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		107 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		106 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/08/23	
Surrogate: n-Nonane		83.4 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2323050
Chloride	ND	20.0	_	1	06/08/23	06/08/23	



Piı	ma Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PC) Box 247	Project Number:	01058-0007	Reported:
Pla	ains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

		E306052-18					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323045
Benzene	ND	0.0250	1	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		101 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		106 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		101 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/08/23	06/08/23	
Surrogate: n-Nonane		84.1 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2323050
Chloride	ND	20.0	1	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

		E306052-19					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2323045
Benzene	ND	0.0250	1	l	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	I	06/08/23	06/08/23	
Toluene	ND	0.0250	1	l	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	l	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	l	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	Į	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		108 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		108 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	IM.		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	06/08/23	06/08/23	
Surrogate: n-Nonane		83.1 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: B	A		Batch: 2323050
Chloride	ND	20.0	1	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

		E306052-20				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2323045
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2323045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: KM		Batch: 2323040
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		85.3 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: BA		Batch: 2323050
Chloride	ND	20.0	1	06/08/23	06/08/23	



Piı	ma Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PC) Box 247	Project Number:	01058-0007	Reported:
Pla	ains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CSW 46 E306052-21

		E300032-21					
A 1.	D 1	Reporting		<i>.</i> ·	D 1		N.
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323046
Benzene	ND	0.0250	1	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	1	06/08/23	06/08/23	
p-Xylene	ND	0.0250	1	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		100 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		100 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		105 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323042
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/08/23	06/08/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/08/23	06/08/23	
Surrogate: n-Nonane		89.7 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2323051
Chloride	ND	20.0	1	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CSW 47

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2323046
Benzene	ND	0.0250		1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/08/23	
Toluene	ND	0.0250		1	06/08/23	06/08/23	
o-Xylene	ND	0.0250		1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2323042
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/08/23	
Surrogate: n-Nonane		89.8 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2323051
Chloride	ND	20.0		1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

CSW 48 E306052-23

		200002 20					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
			Dii			Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2323046
Benzene	ND	0.0250		1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250		1	06/08/23	06/08/23	
Toluene	ND	0.0250		1	06/08/23	06/08/23	
o-Xylene	ND	0.0250		1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500		1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250		1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		100 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		100 %	70-130		06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		06/08/23	06/08/23	
Surrogate: Toluene-d8		104 %	70-130		06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	ND	25.0		1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/08/23	06/08/23	
Surrogate: n-Nonane		91.1 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2323051
Chloride	ND	20.0		1	06/08/23	06/08/23	



QC Summary Data

LVP Line 975 Ft. West of Longview Fed 6 #11 Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/9/2023 2:56:27PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Limit Spike Source Rec RPD Analyte RPD Result Level Result Rec Limits Limit

	resurt				1.00				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323045-BLK1)							Prepared: 06	5/08/23 Anal	yzed: 06/08/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
LCS (2323045-BS1)							Prepared: 06	5/08/23 Anal	yzed: 06/08/23
Benzene	2.45	0.0250	2.50		98.1	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.2	70-130			
Toluene	2.46	0.0250	2.50		98.2	70-130			
o-Xylene	2.49	0.0250	2.50		99.6	70-130			
p,m-Xylene	4.93	0.0500	5.00		98.5	70-130			
Total Xylenes	7.42	0.0250	7.50		98.9	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
Matrix Spike (2323045-MS1)				Source:	E306052-0)7	Prepared: 06	5/08/23 Anal	yzed: 06/08/23
Benzene	2.49	0.0250	2.50	ND	99.6	48-131			
Ethylbenzene	2.44	0.0250	2.50	ND	97.6	45-135			
Toluene	2.48	0.0250	2.50	ND	99.3	48-130			
o-Xylene	2.54	0.0250	2.50	ND	101	43-135			
p,m-Xylene	5.03	0.0500	5.00	ND	101	43-135			
Total Xylenes	7.57	0.0250	7.50	ND	101	43-135			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			
Matrix Spike Dup (2323045-MSD1)				Source:	E306052-0)7	Prepared: 06	5/08/23 Anal	yzed: 06/08/23
Benzene	2.59	0.0250	2.50	ND	104	48-131	4.00	23	
Ethylbenzene	2.52	0.0250	2.50	ND	101	45-135	3.17	27	
Toluene	2.58	0.0250	2.50	ND	103	48-130	3.64	24	
o-Xylene	2.62	0.0250	2.50	ND	105	43-135	3.37	27	
p,m-Xylene	5.21	0.0500	5.00	ND	104	43-135	3.38	27	
Total Xylenes	7.83	0.0250	7.50	ND	104	43-135	3.38	27	
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			
Surroguie. Tottiene-ao	0.510		0.500		102	/0-130			



QC Summary Data

LVP Line 975 Ft. West of Longview Fed 6 #11 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/9/2023 2:56:27PM Volatile Organic Compounds by EPA 8260B Analyst: IY Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2323046-BLK1) Prepared: 06/08/23 Analyzed: 06/08/23 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.510 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 0.500 99.9 70-130 0.500 103 70-130 Surrogate: Toluene-d8 0.516 LCS (2323046-BS1) Prepared: 06/08/23 Analyzed: 06/08/23 Benzene 2.46 0.0250 2.50 98.3 70-130

Ethylbenzene	2.43	0.0250	2.50	97.2	70-130		
Toluene	2.46	0.0250	2.50	98.3	70-130		
o-Xylene	2.51	0.0250	2.50	100	70-130		
p,m-Xylene	4.95	0.0500	5.00	99.0	70-130		
Total Xylenes	7.46	0.0250	7.50	99.5	70-130		
Surrogate: Bromofluorobenzene	0.489		0.500	97.7	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500	99.7	70-130		
Surrogate: Toluene-d8	0.508		0.500	102	70-130		
					_	 	

Matrix Spike (2323046-MS1)				Source:	E306053-	07	Prepared: 06/08/23 Analyzed: 06/08/23
Benzene	2.53	0.0250	2.50	ND	101	48-131	
Ethylbenzene	2.52	0.0250	2.50	ND	101	45-135	
Toluene	2.55	0.0250	2.50	ND	102	48-130	
o-Xylene	2.58	0.0250	2.50	ND	103	43-135	
p,m-Xylene	5.10	0.0500	5.00	ND	102	43-135	
Total Xylenes	7.67	0.0250	7.50	ND	102	43-135	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130	
Surrogate: Toluene-d8	0.511		0.500		102	70-130	

Matrix Spike Dup (2323046-MSD1)				Source: E306053-07			Prepared: 06/08/23 Analyzed: 06/09/23		
2.39	0.0250	2.50	ND	95.6	48-131	5.67	23		
2.39	0.0250	2.50	ND	95.6	45-135	5.25	27		
2.42	0.0250	2.50	ND	96.8	48-130	5.27	24		
2.41	0.0250	2.50	ND	96.3	43-135	6.80	27		
4.81	0.0500	5.00	ND	96.2	43-135	5.82	27		
7.22	0.0250	7.50	ND	96.2	43-135	6.15	27		
0.480		0.500		95.9	70-130				
0.492		0.500		98.4	70-130				
0.508		0.500		102	70-130				
	2.39 2.42 2.41 4.81 7.22 0.480 0.492	2.39 0.0250 2.42 0.0250 2.41 0.0250 4.81 0.0500 7.22 0.0250 0.480 0.492	2.39 0.0250 2.50 2.42 0.0250 2.50 2.41 0.0250 2.50 4.81 0.0500 5.00 7.22 0.0250 7.50 0.480 0.500 0.492 0.500	2.39 0.0250 2.50 ND 2.39 0.0250 2.50 ND 2.42 0.0250 2.50 ND 2.41 0.0250 2.50 ND 4.81 0.0500 5.00 ND 7.22 0.0250 7.50 ND 0.480 0.500 0.492 0.500	2.39 0.0250 2.50 ND 95.6 2.39 0.0250 2.50 ND 95.6 2.42 0.0250 2.50 ND 96.8 2.41 0.0250 2.50 ND 96.3 4.81 0.0500 5.00 ND 96.2 7.22 0.0250 7.50 ND 96.2 0.480 0.500 95.9 0.492 0.500 98.4	2.39 0.0250 2.50 ND 95.6 48-131 2.39 0.0250 2.50 ND 95.6 45-135 2.42 0.0250 2.50 ND 96.8 48-130 2.41 0.0250 2.50 ND 96.3 43-135 4.81 0.0500 5.00 ND 96.2 43-135 7.22 0.0250 7.50 ND 96.2 43-135 0.480 0.500 95.9 70-130 0.492 0.500 98.4 70-130	2.39 0.0250 2.50 ND 95.6 48-131 5.67 2.39 0.0250 2.50 ND 95.6 45-135 5.25 2.42 0.0250 2.50 ND 96.8 48-130 5.27 2.41 0.0250 2.50 ND 96.8 43-135 6.80 4.81 0.0500 5.00 ND 96.2 43-135 5.82 7.22 0.0250 7.50 ND 96.2 43-135 6.15 0.480 0.500 95.9 70-130 0.492 0.500 98.4 70-130		

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:LVP Line 975 Ft. West of Longview Fed 6 #11Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum6/9/2023 2:56:27PM

PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager:		058-0007 m Bynum					6/9/2023 2:56:27PM
	Non	halogenated (Organics	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 (2323045-BLK1)							Prepared: 0	6/08/23 A	nalyzed: 06/08/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
LCS (2323045-BS2)							Prepared: 0	6/08/23 A	analyzed: 06/08/23
Gasoline Range Organics (C6-C10)	59.9	20.0	50.0		120	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			
Matrix Spike (2323045-MS2)				Source:	E306052-	07	Prepared: 0	6/08/23 A	analyzed: 06/08/23
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
Matrix Spike Dup (2323045-MSD2)				Source:	E306052-	07	Prepared: 0	6/08/23 A	nalyzed: 06/08/23
Gasoline Range Organics (C6-C10)	61.6	20.0	50.0	ND	123	70-130	6.98	20	
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			

0.500

0.500

0.504

0.521

101

104

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:LVP Line 975 Ft. West of Longview Fed 6 #11Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum6/9/2023 2:56:27PM

Plains TX, 79355-0247		Project Number Project Manager		m Bynum					6/9/2023 2:56:27PM
	Nor	halogenated	Organics l	by EPA 80	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 (2323046-BLK1)							Prepared: 0	6/08/23	Analyzed: 06/08/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
LCS (2323046-BS2)							Prepared: 0	6/08/23	Analyzed: 06/08/23
Gasoline Range Organics (C6-C10)	62.1	20.0	50.0		124	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
Matrix Spike (2323046-MS2)				Source:	E306053-	07	Prepared: 0	6/08/23	Analyzed: 06/08/23
Gasoline Range Organics (C6-C10)	63.6	20.0	50.0	ND	127	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			
Matrix Spike Dup (2323046-MSD2)				Source:	E306053-	07	Prepared: 0	6/08/23	Analyzed: 06/09/23
Gasoline Range Organics (C6-C10)	59.9	20.0	50.0	ND	120	70-130	6.08	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			

0.500

0.500

0.485

0.526

96.9

105

70-130

70-130



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					6/9/2023 2:56:27PM
	Nonha	logenated Or	Analyst: KM						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323040-BLK1)							Prepared: 0	6/08/23 A	nalyzed: 06/08/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	34.4		50.0		68.9	50-200			
LCS (2323040-BS1)							Prepared: 0	6/08/23 A	nalyzed: 06/08/23
Diesel Range Organics (C10-C28)	213	25.0	250		85.2	38-132			
urrogate: n-Nonane	31.0		50.0		62.0	50-200			
Matrix Spike (2323040-MS1)				Source:	E306052-	10	Prepared: 0	6/08/23 A	nalyzed: 06/08/23
Diesel Range Organics (C10-C28)	218	25.0	250	ND	87.3	38-132			
urrogate: n-Nonane	30.7		50.0		61.4	50-200			
Matrix Spike Dup (2323040-MSD1)				Source:	E306052-	10	Prepared: 0	6/08/23 A	nalyzed: 06/08/23
Diesel Range Organics (C10-C28)	225	25.0	250	ND	90.0	38-132	3.05	20	
urrogate: n-Nonane	30.6		50.0		61.2	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					6/9/2023 2:56:27PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2323042-BLK1)							Prepared: 0	6/08/23 An	nalyzed: 06/08/23
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	32.4		50.0		64.7	50-200			
LCS (2323042-BS1)							Prepared: 0	6/08/23 An	alyzed: 06/08/23
Diesel Range Organics (C10-C28)	218	25.0	250		87.0	38-132			
urrogate: n-Nonane	31.6		50.0		63.1	50-200			
Matrix Spike (2323042-MS1)				Source:	E306053-	14	Prepared: 0	6/08/23 An	nalyzed: 06/08/23
Diesel Range Organics (C10-C28)	217	25.0	250	ND	86.7	38-132			
urrogate: n-Nonane	30.9		50.0		61.8	50-200			
Matrix Spike Dup (2323042-MSD1)				Source:	E306053-	14	Prepared: 0	6/08/23 An	nalyzed: 06/08/23
Diesel Range Organics (C10-C28)	222	25.0	250	ND	88.7	38-132	2.27	20	
urrogate: n-Nonane	30.7		50.0		61.3	50-200			

Matrix Spike Dup (2323050-MSD1)

Chloride

254

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	LVP Line 975 Ft. West of Longview Fed 6 #11 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 2:56:27PM

Anions by EPA 300.0/9056A Analyst: BA									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2323050-BLK1)							Prepared: 0	6/08/23 Anal	yzed: 06/08/23
Chloride	ND	20.0							
LCS (2323050-BS1)							Prepared: 0	6/08/23 Anal	yzed: 06/08/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2323050-MS1)				Source:	E306052-	01	Prepared: 0	6/08/23 Anal	yzed: 06/08/23
Chloride	255	20.0	250	ND	102	80-120			

250

20.0

Source: E306052-01

102

80-120

0.146



Prepared: 06/08/23 Analyzed: 06/08/23

20

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		LVP Line 975 Ft. West of Longview Fed 6 #11 01058-0007					Reported:		
Plains TX, 79355-0247		Project Manager:		Гот Вупит					6/9/2023	2:56:27PM	
		Anions 1	by EPA	300.0/9056A	1				Analyst:	BA	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	N	lotes	
Blank (2323051-BLK1)							Prepared: 0	6/08/23	Analyzed: 06	5/08/23	
Chloride	ND	20.0									
LCS (2323051-BS1)							Prepared: 0	6/08/23	Analyzed: 06	5/08/23	
Chloride	259	20.0	250		104	90-110					
Matrix Spike (2323051-MS1)				Source:	E306052-2	21	Prepared: 0	6/08/23	Analyzed: 06	5/08/23	
Chloride	262	20.0	250	ND	105	80-120					
Matrix Spike Dup (2323051-MSD1)				Source:	E306052-2	21	Prepared: 0	6/08/23	Analyzed: 06	5/08/23	
Chloride	261	20.0	250	ND	104	80-120	0.242	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:	LVP Line 975 Ft. West of Longview Fed 6 #11	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/09/23 14:56

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
Client: Pima Enviro

Chain of Custody

	0		5
Page .	2	_of	7

Received by OCD: 7/11/2023 12:00:26 AM

Client: P	ima Env	rironmen	tal Serv	ices fed.6	Bill To		V 250 EV		La	b Us	e On	ly	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	T		TA	T	EPA P	rogram
Project:	Annager:	70m By	Ft. We	St of longview	Attention: Devon		Lab	WO#			Job I	Numl	per		2D	3D	Standard	CWA	SDWA
Address:	5614 N	. Lovingt	on Hwy		Address: City, State, Zip		Łć	306	000		OIU	28-	0007	X	<u> </u>				DCDA
		obbs. N			Phone:		-				Analy	sis ar	d Metho	a T	_	т т	_		RCRA
Phone:			111, 002, 1		Email:		20	S										State	
Email:	om@pir	naoil.cor	n		(I)		801	801	_			0					NMI CO	UT AZ	TX
Report d	ue by:				Pima Project # 188		O by	O by	802	8260	010	300		S	¥		X	01 712	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	ВСВОС		731	Remarks	F
9:40	615	5	- 1	CSW ?	3.	1								X					
9:45					54	2													
9:50				000	35	3													
9:55					36	4													
(0:00					37	5													
10:05				CSW:	38	4													
10:10				ESW :	39	7													
10:15				CSW 1	10	8													
10:20				CSW L	11	9													
10:25	1	7	1	CSW L	12	10								1					
Addition					B# 2105	7664													
date or time	of collection	is considered	fraud and r	may be grounds for legal	aware that tampering with or intentionally mislabelli action. Sampled by:	ing the sample	locatio	on,									eived on ice the day of the consumer of the co		ed or received
	me A	dame	Date	17/23 Time: 0		Date (67-2	3	Time	0		Rece	eived	on ice:		ab U	se Onl	ý		
	ulu (Lancel	Date	7-23 Time	Received by: (Signature)	Date 6-7-	23	Time	136	5	T1			T2			T3		
Relinquishe		MUSSO	Date	-8-23 Time	Received by: (Signature)	Date 10/8/2	13	Time	30		AVG	Tem	p°C	+					
Sample Matri	x: S - Soil, So	l - Solid, Sg - S	Sludge, A - A	queous, O - Other		Containe	г Туре	: g - g	lass.	p - p	olv/pl	astic.	ag - amb	er gla	ss, v -	VOA			
Note: Samp samples is a	les are disc pplicable o	arded 30 da nly to those	ys after re samples r	sults are reported unle eceived by the laborat	ess other arrangements are made. Hazardous ory with this COC. The liability of the laborator	samples will	be ret	urned	to clie	ent or	dispo	sed of	at the clie	ent ex	ense.	The re	eport for the ana	lysis of the	above



lient: Pima Env	ronmen	tal Service	ces Feld	Bill To			r-relay	La	b Us	e On	ly			TAT	Craw C	EPA P	rogram
roject: LVP Like	90 F	. West of	Logran HII	Attention: Devon		Lab	WO#			Job 1	Number		2D	3D	Standard	CWA	SDWA
oject Manager: ddress: 5614 N.	Tom By	num		Address: City, State, Zip		ES	300	050			sis and Meth	X				-	RCRA
ty, State, Zip Ho				Phone:		-			ΤÍ	Allaly	Sis and Metri	T					NCNA
one: 580-748-	1613			Email:		015	015									State	T1
nail: tom@pir port due by:	naoil.com	n	Jones Comment	Pima Project # 18%		8 kg (3 by 8	3021	260	010	300.0	Z	¥		NM CO	UT AZ	TX
Time Date mpled Sampled	Matrix	No. of Containers	Sample ID	100	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	BGDOC		×	Remarks	
:30 6/5	5	1	C5 15		1	Δ	в	B	>	2		X	es .				
5:35	1	1	05 16		12							1					
0:40			CS 17		13							1					
:45			CS 18		14												
0:50			CS 19		15												
2:55			CS 20		10												
1:00			C5 21		17												
:05			CSW \$, 43	18												
1:(0			CSW 4	4	19												
1:15 1	ı		CSW L	15	Z0												
dditional Instruc	tions:			B# 21057664													
			icity of this sample. I am a	aware that tampering with or intentionally mislab ction. <u>Sampled by:</u>	elling the samp	le locati	on,			1000		200			ived on ice the day t C on subsequent da	198	led or receive
elinquished by: (Sign	ature)	Date	17/23 Time 1:0	Received by: (Signature)	Date 67	2)	Time 3	00		Rece	eived on ice		ab Us	se Only	/		
elinquished by: (Sign	ature)	Date	7-23 Time 37	Described by (Cimpatoral)	0-7	-73	Time	30		T1		T2			T3		
elinquished by: (Sign		Date 6	() 20 -1	Received by (Signature)	Date /	12	Time	30)		Toms °C	4					
imple Matrix: S - Soil, S	MUSE 1- Solid Se	0		in with the same	Contain	ar Tyne					Temp °C lastic, ag - am	bords	CC 1/	VOA			



Project Information

Client: Pima Environmenta	Services Fed-64 n	Bill To				La	b Us	e Onl	γ				TA	7.0		rogram
Project: LAY Lies TIS FLW	estationsyview	Attention: De yon	-1		WO#		107-709-31-709	Job N	Market Marks		3	-	3D	Standard	CWA	SDWA
Project Manager: Tom Byn		Address:		13	dic	52				400	X					DCDA
Address: 5614 N. Lovington	1509.4	City, State, Zip			_			Analys	sis an	Metho	d	_				RCRA
City, State, Zip Hobbs, NM	88240	Phone:			le d							1			State	
Phone: 580-748-1613		Email:		3015	8015				_	,	1			NMI CO	UT AZ	ТхТ
mail: tom@pimaoil.com		Pima Project # 186		by	by	021	760	010	300.0		Z	×		V	OI AL	1/
Report due by:		1 , , , , ,	Lab	ORC	/DRC	by 8	by 8	ls 60	ide		8					
Time Date Sampled Matrix	No. of Containers Sample ID		Number	DRO/ORO by 8015	GRO/DRO by	ВТЕХ ЬУ 8021	VOC by 8260	Metals 6010	Chloride		BGDOC	BGDOC			Remarks	
11:10 6/5 5	1 CSW 40		21								X					
11:23	1 CSW 4-	1	22													
11:30 1	_ CSW 41	(23								1					
11.2	_ C500 11)										+				
											4	+				
												1				
							-				+	+	+			
					_		_		-		+	_	-			
	r - 1															
Additional Instructions:		B# 4057664			-			l				-		di - indian-		,
I, (field sampler), attest to the validity a	nd authenticity of this sample. I an	aware that tampering with or intentionally misl	abelling the sampl	e locati	ion,									eceived on ice the da		oled or receive
date or time of collection is considered								packed	d in ice a	it an avg ter				6 °C on subsequent	lays.	
Relinquished by: (Signature)	G17/23 Time 1:	Received by: (Signature) Mchille Luys	Date 6-7-	23	Time	300	5	Rec	eived	on ice:		Lab (V)	Jse O N	nly	D71	
Relinquished by: (Signature)	Date Time	Received by: (Signature)	6-7	-72	Time	730	0	T1			T2			Т3		
Relinquished by: (Signature)	Date 8-3 Time	Received by (Signature) (A. Hu. Man	Date,		Time			AVG	i Ten	np °C	4					
Sample Matrix: S - Soil, Sd - Solid, Sg - S	ludge, A - Aqueous, O - Other	The state of the s	Containe	er Typ							ber g	lass, v	- VOA	1		
Note: Samples are discarded 30 da	ys after results are reported un	less other arrangements are made. Hazard	lous samples wi	ll be re	turne	d to cl	lient o	r dispo	osed o	f at the c	lient e	xpense	. The	report for the a	nalysis of the	e above

@ envirotech

Printed: 6/8/2023 10:03:07AM

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:	06/08/23 0		Work Order ID:	
Phone:	(575) 631-6977	Date Logged In:	06/07/23 1		Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/08/23 1	7:00 (0 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: C	<u>Courier</u>	
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 in i.e, 15 minute hold time, are not included in this disucssion.	•	Yes		Comme	nts/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project LVP Line 975	Ft. West of
Sample C	<u>Cooler</u>				Longview Fed 6 #11 h	as been separated
7. Was a s	ample cooler received?		Yes		into 2 reports due to sa	ample volume.
8. If yes,	was cooler received in good condition?		Yes		Workorders are as foll	-
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			ows. E300031 &
10. Were	custody/security seals present?		No		E306052.	
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			
Sample C		temperature. 1	<u>~</u>			
	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						
	field sample labels filled out with the minimum info	rmation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes			
	ollectors name?		Yes			
	reservation					
	the COC or field labels indicate the samples were pr	eserved?	No			
	ample(s) correctly preserved?	. 1.0	NA			
	filteration required and/or requested for dissolved m	ietais?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
28. Are sa	imples required to get sent to a subcontract laborator	ry?	No			
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	: NA	
Client In	<u>struction</u>					
L_						
		<u> </u>				

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: LVI

LVP Line 975 Ft. West of Longview

Fed 6 #11

Work Order:

E306051

Job Number:

01058-0007

Received:

6/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/9/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/9/23

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: LVP Line 975 Ft. West of Longview Fed 6 #11

Workorder: E306051

Date Received: 6/8/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/8/2023 8:30:00AM, under the Project Name: LVP Line 975 Ft. West of Longview Fed 6 #11.

The analytical test results summarized in this report with the Project Name: LVP Line 975 Ft. West of Longview Fed 6 #11 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	Reported:
PO Box 247	Project Number:	01058-0007	Reporteu:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/09/23 13:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS 7	E306051-01A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 8	E306051-02A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 9	E306051-03A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 10	E306051-04A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 11	E306051-05A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 12	E306051-06A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 13	E306051-07A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CS 14	E306051-08A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 21	E306051-09A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 22	E306051-10A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 23	E306051-11A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 24	E306051-12A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 25	E306051-13A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 26	E306051-14A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 27	E306051-15A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 28	E306051-16A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 29	E306051-17A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 30	E306051-18A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 31	E306051-19A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.
CSW 32	E306051-20A	Soil	06/05/23	06/08/23	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CS 7

E30	60)51	-01
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		E300031-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		74.2 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2323049
	ND			06/08/23	06/08/23	

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CS 8

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
p-Xylene	ND	0.0250	1	06/08/23	06/08/23	
o,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		73.1 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2323049
	ND	20.0	- 1	06/08/23	06/08/23	·



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CS 9

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		75.1 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CS 10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		75.7 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CS 11

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		76.0 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CS 12

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
p-Xylene	ND	0.0250	1	06/08/23	06/08/23	
o,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		78.1 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
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CS 13

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		78.5 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	_



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
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CS 14

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
p-Xylene	ND	0.0250	1	06/08/23	06/08/23	
o,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		77.8 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	•



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CSW 21

		2000001 05				
Anglyta	Result	Reporting Limit	Dilution	Duamanad	Analyzad	Notes
Analyte	Resuit	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		76.1 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CSW 22

Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044	
Benzene	ND	0.0250	1	06/08/23	06/08/23		
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23		
Toluene	ND	0.0250	1	06/08/23	06/08/23		
o-Xylene	ND	0.0250	1	06/08/23	06/08/23		
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23		
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23		
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	06/08/23	06/08/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	06/08/23	06/08/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2323041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23		
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23		
Surrogate: n-Nonane		76.2 %	50-200	06/08/23	06/08/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2323049	
Chloride	ND	20.0	1	06/08/23	06/08/23		



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CSW 23

Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2323044	
Benzene	ND	0.0250	1	06/08/23	06/08/23		
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23		
Toluene	ND	0.0250	1	06/08/23	06/08/23		
o-Xylene	ND	0.0250	1	06/08/23	06/08/23		
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23		
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23		
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	06/08/23	06/08/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2323044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	06/08/23	06/08/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2323041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23		
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23		
Surrogate: n-Nonane		79.3 %	50-200	06/08/23	06/08/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2323049	
Chloride	ND	20.0	1	06/08/23	06/08/23		



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CSW 24

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		81.3 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	_

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CSW 25

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		84.6 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CSW 26

	Reporting						
Result	Limit	Diluti	on Prepare	ed Analyzed	Notes		
mg/kg	mg/kg	A	nalyst: IY		Batch: 2323044		
ND	0.0250	1	06/08/2	23 06/08/23			
ND	0.0250	1	06/08/2	23 06/08/23			
ND	0.0250	1	06/08/2	23 06/08/23			
ND	0.0250	1	06/08/2	23 06/08/23			
ND	0.0500	1	06/08/2	23 06/08/23			
ND	0.0250	1	06/08/2	23 06/08/23			
	97.9 %	70-130	06/08/2	23 06/08/23			
mg/kg	mg/kg	A	nalyst: IY		Batch: 2323044		
ND	20.0	1	06/08/2	23 06/08/23			
	91.1 %	70-130	06/08/2	23 06/08/23			
mg/kg	mg/kg	A	nalyst: JL		Batch: 2323041		
ND	25.0	1	06/08/2	23 06/08/23			
ND	50.0	1	06/08/2	23 06/08/23			
ND	50.0 84.5 %	50-200	06/08/2				
ND mg/kg					Batch: 2323049		
1	mg/kg ND ND ND ND ND ND ND ND ND MD M	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 Property of the	mg/kg mg/kg A ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 ND 0.0250 1 One of the control of the	mg/kg mg/kg Analyst: IY ND 0.0250 1 06/08/2 ND 0.0500 1 06/08/2 ND 0.0250 1 06/08/2 ND 0.0250 1 06/08/2 ND 0.0250 1 06/08/2 97.9 % 70-130 06/08/2 mg/kg mg/kg Analyst: IY ND 20.0 1 06/08/2 91.1 % 70-130 06/08/2 mg/kg mg/kg Analyst: JL	mg/kg mg/kg Analyst: IY ND 0.0250 1 06/08/23 06/08/23 ND 0.0500 1 06/08/23 06/08/23 ND 0.0250 1 06/08/23 06/08/23 ND 0.0250 1 06/08/23 06/08/23 ND 0.0250 1 06/08/23 06/08/23 MD 0.0250 1 06/08/23 06/08/23 97.9 % 70-130 06/08/23 06/08/23 mg/kg mg/kg Analyst: IY ND 20.0 1 06/08/23 06/08/23 mg/kg mg/kg Analyst: JL		



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CSW 27

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		86.5 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CSW 28

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2323044
ND	0.0250	1	06/08/23	06/08/23	
ND	0.0250	1	06/08/23	06/08/23	
ND	0.0250	1	06/08/23	06/08/23	
ND	0.0250	1	06/08/23	06/08/23	
ND	0.0500	1	06/08/23	06/08/23	
ND	0.0250	1	06/08/23	06/08/23	
	98.9 %	70-130	06/08/23	06/08/23	
mg/kg	mg/kg	An	alyst: IY		Batch: 2323044
ND	20.0	1	06/08/23	06/08/23	
	90.8 %	70-130	06/08/23	06/08/23	
mg/kg	mg/kg	An	alyst: JL		Batch: 2323041
ND	25.0	1	06/08/23	06/08/23	
ND	50.0	1	06/08/23	06/08/23	
	85.7 %	50-200	06/08/23	06/08/23	
mg/kg	mg/kg	An	alyst: BA		Batch: 2323049
ND	20.0	1	06/08/23	06/08/23	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg ND 25.0 ND 50.0 85.7 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MD 20.0 1 90.8 % 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 85.7 % 50-200 mg/kg mg/kg An	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/08/23 ND 0.0250 1 06/08/23 ND 0.0250 1 06/08/23 ND 0.0250 1 06/08/23 ND 0.0500 1 06/08/23 ND 0.0250 1 06/08/23 mg/kg mg/kg Analyst: IY ND 20.0 1 06/08/23 mg/kg mg/kg Analyst: JL ND 25.0 1 06/08/23 ND 25.0 1 06/08/23 ND 50.0 1 06/08/23 ND 50.0 1 06/08/23 ND 50.0 1 06/08/23 Mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/08/23 06/08/23 ND 0.0250 1 06/08/23 06/08/23 ND 0.0250 1 06/08/23 06/08/23 ND 0.0500 1 06/08/23 06/08/23 ND 0.0250 1 06/08/23 06/08/23 ND 0.0250 1 06/08/23 06/08/23 MB/kg mg/kg Analyst: IY Mod/08/23 06/08/23 MB/kg mg/kg Analyst: IY Mod/08/23 06/08/23 MB/kg mg/kg Analyst: JL Analyst: JL ND 25.0 1 06/08/23 06/08/23 ND 25.0 1 06/08/23 06/08/23 ND 50.0 1 06/08/23 06/08/23 ND 50.0 1 06/08/23 06/08/23 ND 50.0



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CSW 29

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
p-Xylene	ND	0.0250	1	06/08/23	06/08/23	
o,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		81.2 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CSW 30

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		83.0 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	



Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CSW 31

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		82.6 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	_

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

CSW 32

E306051-20

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2323044
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2323044
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2323041
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		83.5 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2323049
Chloride	ND	20.0	1	06/08/23	06/08/23	



LVP Line 975 Ft. West of Longview Fed 6 #11 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/9/2023 1:45:38PM **Volatile Organics by EPA 8021B** 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 (2323044-BLK1) Prepared: 06/08/23 Analyzed: 06/08/23 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: 4-Bromochlorobenzene-PID 7.59 8.00 94.9 70-130 LCS (2323044-BS1) Prepared: 06/08/23 Analyzed: 06/08/23 4.06 81.3 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.34 0.0250 5.00 86.8 70-130 4.38 0.0250 5.00 87.5 70-130 Toluene 90.3 o-Xylene 4.51 0.0250 5.00 70-130 8.85 10.0 88.5 70-130 0.0500 p.m-Xvlene 89.1 13.4 15.0 70-130 Total Xylenes 0.0250 8.00 95.5 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.64 Matrix Spike (2323044-MS1) Source: E306051-07 Prepared: 06/08/23 Analyzed: 06/08/23 4.35 0.0250 5.00 ND 54-133 Benzene 92.9 61-133 Ethylbenzene 4.65 0.0250 5.00 ND Toluene 4.68 0.0250 5.00 ND 93.6 61-130 ND 96.2 63-131 4.81 5.00 0.0250 o-Xylene p,m-Xylene 9.48 0.0500 10.0 ND 94.8 63-131 0.0250 15.0 ND 63-131 Total Xylenes Surrogate: 4-Bromochlorobenzene-PID 7.64 8.00 70-130 Matrix Spike Dup (2323044-MSD1) Source: E306051-07 Prepared: 06/08/23 Analyzed: 06/08/23 4.24 0.0250 5.00 ND 84.8 54-133 2.50 61-133 4.50 0.0250 5.00 ND 90.1 3.14 20 Ethylbenzene 61-130 Toluene 4 54 0.0250 5.00 ND 90.8 3.02 20 4.67 5.00 ND 93.5 63-131 2.87 20 o-Xylene 0.0250 9.19 10.0 ND 91.9 63-131 3.08 20

0.0500

0.0250

15.0

8.00

ND

92.4

97.1

63-131

70-130

3.01

20

13.9

7.77



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	LVP Line 975 Ft. West of Longview Fed 6 #11 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				6	/9/2023 1:45:38PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2323044-BLK1)							Prepared: 0	6/08/23 Ana	lyzed: 06/08/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
LCS (2323044-BS2)							Prepared: 0	6/08/23 Ana	lyzed: 06/08/23
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			
Matrix Spike (2323044-MS2)				Source:	E306051-	07	Prepared: 0	6/08/23 Ana	lyzed: 06/08/23
Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			
Matrix Spike Dup (2323044-MSD2)				Source:	E306051-	07	Prepared: 0	6/08/23 Ana	lyzed: 06/08/23
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.2	70-130	4.50	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			

Pima Environmental Services-Carlsbad	Project Name:	LVP Line 975 Ft. West of Longview Fed 6 #11	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 1:45:38PM

	Project Manage	r: To	m Bynum					6/9/2023 1:45:38PM
Nonhal	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	6/08/23 Ar	nalyzed: 06/08/23
ND	25.0							
ND	50.0							
38.7		50.0		77.5	50-200			
						Prepared: 0	6/08/23 Ar	nalyzed: 06/08/23
246	25.0	250		98.3	38-132			
38.0		50.0		76.0	50-200			
			Source:	E306051-	01	Prepared: 0	6/08/23 Ar	nalyzed: 06/08/23
248	25.0	250	ND	99.3	38-132			
35.5		50.0		70.9	50-200			
			Source:	E306051-	01	Prepared: 0	6/08/23 Ar	nalyzed: 06/08/23
243	25.0	250	ND	97.2	38-132	2.16	20	
37.2		50.0		74.4	50-200			
	Result mg/kg ND ND 38.7 246 38.0 248 35.5	Nonhalogenated Organization Reporting Limit mg/kg Limit mg/kg ND 25.0 ND 50.0 38.7 246 25.0 38.0 248 25.0 35.5 243 25.0	Nonhalogenated Organics by	Nonhalogenated Organics by EPA 80151 Result	Nonhalogenated Organics by EPA 8015D - DRO	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Result Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg % % % % % % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits RPD mg/kg mg/kg mg/kg mg/kg % % % % % % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % %



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		LVP Line 975 F 01058-0007	t. West of	Longview	Fed 6 #11		Repo	rted:
Plains TX, 79355-0247		Project Manager:	,	Tom Bynum					6/9/2023	:45:38PM
		Anions 1	by EPA	300.0/9056A	1				Analyst:	BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	N	otes
Blank (2323049-BLK1)							Prepared: 0	6/08/23	Analyzed: 06	5/08/23
Chloride	ND	20.0								
LCS (2323049-BS1)							Prepared: 0	6/08/23	Analyzed: 06	5/08/23
Chloride	256	20.0	250		102	90-110				
Matrix Spike (2323049-MS1)				Source:	E306051-0)1	Prepared: 0	6/08/23	Analyzed: 06	5/08/23
Chloride	256	20.0	250	ND	103	80-120				
Matrix Spike Dup (2323049-MSD1)				Source:	E306051-0)1	Prepared: 0	6/08/23	Analyzed: 06	5/08/23
Chloride	258	20.0	250	ND	103	80-120	0.548	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:	LVP Line 975 Ft. West of Longview Fed 6 #11	
ı	PO Box 247	Project Number:	01058-0007	Reported:
ı	Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/09/23 13:45

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.



8	
	Project Information
to T	Client: Pima Envir
	Project: LVP/in
•	Project Manager: 7
•	Address: 5614 N. I
13	City, State, Zip Hol
į	Phone: 580-748-1

Chain of Custody

			8
Page _	1	_of_	3

Client: P	ima Env	ronmen	tal Servi	ces a fed. 6 d	£ni	Bill To		December 1		l-	-L 11	0-	1		0		74			DENAMEN I
Project:	VP/i	re 975	Ft. W	ces fed. 6 =	Attention: DCVo	A		Lah	WOH			se On	Numb	er	1D	2D	TA 3D	Standard	CWA	rogram SDWA
Project N	lanager:	Tom By	num		Address:			F	WO#	005	51		8-α		Y	20	130	Standard	CVVA	JOVVA
Address:	5614 N.	Lovingt	on Hwy.		City, State, Zip									d Metho		-	-			RCRA
	e, Zip Ho		M. 88240	2	Phone:					7 -					T	1				
	580-748-				Email:			15	15	1							1 1		State	-
	tom@pin	naoil.cor	n		Dissa Dusis A.#	ISCC		y 80	v 80	н	0		0.0		-		1 1	NM CO	UT AZ	TX
Report d	ue by:		-		Pima Project #	188		30 b	9 P	802	826	5010	300		S S	×	1 1	X	7.79	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
8.90	615	5	1	C57)								X				110-110-110-11	
8:05				CS 8			2								П					
8:10				C89			3													
8:15				CS 10			4													
8:10				CS 11			5								П					
4:15				CS 17			6								П					
8:30				CS 13			7								T					
9:35				CS 14			8								I					
8:40				CSW 2	21		9								\prod					
8.45	1	1		CSW 7	2		10								1					
Addition	al Instruc	tions:		8#	21057664															
I, (field samp date or time	ler), attest to of collection	the validity is considered	and authent I fraud and r	icity of this sample. I an may be grounds for legal	aware that tampering with or action. Samples		ng the sample	locatio	on,									eived on ice the day t °C on subsequent day		ed or received
	ed by: (Signa		Date	17/23 Time 10	Received by: (Signature)	ature)	Date 7	13	Time	300).	Rece	ived	on ice:		ab U	se Onl	у		
Relinquishe YWW	d by: (Signa	ture)	Date	723 Time	Received by: (Signature)	White	Date 6-7-	13	Time	13	n	T1			T2	,				
Relinquishe	ed by: (Signa	ture)	Date	-8-25 Time	Revelved hyd Sign	Man	10/8/	23	Time	: 3	80	AVG	Temi	°c_4	7					
Sample Matr	ix: S - Soil, S d			queous, O - Other			Container	Туре	: g - p	glass,	p - p	oly/pla	astic,	g - amb	er gla	ss, v -	VOA		-	
Note: Samp	les are disc	arded 30 da	ays after re	sults are reported unl	ess other arrangements are	made. Hazardous s	amples will	be ret	urned	to clie	ent or	dispo	sed of	at the clie	ent exp	ense.	The re	port for the ana	lysis of the	above
samples is a	applicable o	nly to those	e samples r	eceived by the labora	tory with this COC. The liabi	ility of the laboratory	is limited to	the a	moun	t paid	foro	n the r	eport.	135233	are this		120			402 70 70



20	
	Project Information
o Imago	Client: Pima Environment Project: VP Live
ring.	Project Manager: T Address: 5614 N. L
13/37	City, State, Zip Hot Phone: 580-748-1
/2022	Email: tom@pima Report due by:

Chain of Custody

	7		150
Page .	6	of_	2

				Fed. 6tt	1														
Client: F	ima Env	ironmen	tal Serv	ices, 1	Bill To				_	ab U	se Or					TA	T	EPA P	rogram
				tof Longview	Attention: Devon		Lab	WO	!			Num			2D	3D	Standard	CWA	SDWA
	Manager: : 5614 N				Address: City, State, Zip		E	304	105	4			1000	X					2004
	te, Zip H				Phone:		-	_	_		Analy	ysis ar	nd Metho	d	_	T 1			RCRA
	580-748-		VI. 0024		Email:		150	10									V	State	
	tom@pir		m				801	801				0				1 1	NMI CO	UT AZ	TTY
Report o					Pima Project # 188		O by	O by	8023	3260	010	300.		NN	×		X	OI AL	11/
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chlori ^à de 300.0	, i	верос	верос		7-1	Remarks	
1:50	615	5	1	CSW	23	11								X					
8:55	-				24	12													
9:00				CSW ?	15	13								1					
9:85				CSW 7	16	14													
9:10				csw ?	27	15													
9:19				csw 1	18	10													
9:10				CSW 2	9	17								П					
9:15		1		CSW 3	60	18								П					
9:30				BSW ?		19													
9:35		(csw?	32	20								1				300	
Addition	al Instruc	tions:			34 21057	664													
A second contract of the contr				ticity of this sample. I ar may be grounds for lega	n aware that tampering with or intentionally mislab		e locati	on,			11000						eived on ice the day t °C on subsequent da		ed or received
Relinquish	ed by: (Sign:	ature)	Date	17/23 1:0	Received by: (Signature)	Date (57-3	23	Time 3	50		Reco	eived	on ice:		ab U	se On	У		
Mich		encole	Date	7-23 Time	Received by: (Signature)	Date 6-7.		Time	73	0	T1	CIVEG	on ice.	T2	, .		<u></u>		
Relinquish	ed by: (Signa	eture)	Date	8-28 TIME	Received by: (Signature)	10/8/	33	Time	30)	AVG	i Tem	ıp °C	4					
Sample Mat	rix: S - Soil, So	d - Solid, Sg -		Aqueous, O - Other		Containe	r Type	: g - g	glass,	p - p	oly/pl	lastic,	ag - amb	er gla	iss, v	- VOA			
Note: Sam	ples are disc	arded 30 d	ays after re	esults are reported ur	less other arrangements are made. Hazardor	us samples will	be ret	turned	to cli	ent or	dispo	sed of	at the clie	nt ex	pense.	. The r	eport for the ana	lysis of the	above
samples is	applicable of	nly to thos	e samples i	received by the labor	story with this COC. The liability of the laborat	ory is limited t	o the a	moun	t paid	foro	n the	report							

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

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envirotech Inc.

Printed: 6/8/2023 9:51:35AM

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.

Chain of Custor 1. Does the samp 2. Does the num 3. Were samples 4. Was the COC 5. Were all samp Note: i.e, 15 Sample Turn Ar 6. Did the COC 7. Was a sample 8. If yes, was coo 9. Was the samp 10. Were custody 11. If yes, were considered to the custody 12. Was the sample Note: minute 13. If no visible Sample Contain 14. Are aqueous 15. Are VOC san 16. Is the head sp 17. Was a trip bl 18. Are non-VO 19. Is the approprimal of the considered to the color of	ble ID match the COC? ber of samples per sampling site location redropped off by client or carrier? complete, i.e., signatures, dates/times, requiles received within holding time? Analysis, such as pH which should be conducted minute hold time, are not included in this disuctround Time (TAT) indicate standard TAT, or Expedited TAT? cooler received? oler received in good condition? le(s) received intact, i.e., not broken? sy/security seals present? custody/security seals intact? e received on ice? If yes, the recorded temp is 4' Thermal preservation is not required, if samples es of sampling	uested analyses? d in the field, ssion.	Yes Yes Yes Yes Yes Yes Yes Yes Your Yes Yes Your Yes	15:29 17:00 (0 day TAT) Carrier: <u>C</u>	Comments/Resolution Project LVP Line 975 Ft. West of Longview Fed 6 #11 has been separated into 2 reports due to sample volume.	
Chain of Custor 1. Does the samp 2. Does the num 3. Were samples 4. Was the COC 5. Were all samp Note: i.e, 15 Sample Turn Ar 6. Did the COC 7. Was a sample 8. If yes, was coo 9. Was the samp 10. Were custody 11. If yes, were consumed to the sample of the custody 12. Was the sample Note: minute 13. If no visible Sample Contain 14. Are aqueous 15. Are VOC san 16. Is the head sp 17. Was a trip bl 18. Are non-Voc 19. Is the approprimal of the sample of the collection of the c	pimaoil.com dy (COC) ble ID match the COC? ber of samples per sampling site location in dropped off by client or carrier? complete, i.e., signatures, dates/times, requires received within holding time? Analysis, such as pH which should be conducted minute hold time, are not included in this disuction of the conducted of th	Due Date: match the COC uested analyses? d in the field, ssion.	Yes Yes Yes Yes Yes Yes Yes Yes Yes	17:00 (0 day TAT)	Courier Comments/Resolution Project LVP Line 975 Ft. West of Longview Fed 6 #11 has been separated into 2 reports due to sample volume.	
Chain of Custor 1. Does the samp 2. Does the num 3. Were samples 4. Was the COC 5. Were all samp Note: i.e, 15 Sample Turn Ar 6. Did the COC 5. Sample Cooler 7. Was a sample 8. If yes, was coo 9. Was the samp 10. Were custody 11. If yes, were of 12. Was the sample Note: minute 13. If no visible Sample Contain 14. Are aqueous 15. Are VOC san 16. Is the head sp 17. Was a trip bl 18. Are non-VOC 19. Is the appropring Field Label 20. Were field sa Sample I Date/Tin Collector Sample Preserv 21. Does the CO 22. Are sample(se	bele ID match the COC? ber of samples per sampling site location redropped off by client or carrier? complete, i.e., signatures, dates/times, requires received within holding time? Analysis, such as pH which should be conducted minute hold time, are not included in this disuction to the conducted minute and the conducted minute round Time (TAT) indicate standard TAT, or Expedited TAT? cooler received? oler received in good condition? le(s) received intact, i.e., not broken? sy/security seals present? custody/security seals intact? e received on ice? If yes, the recorded temp is 4' Thermal preservation is not required, if samples es of sampling	match the COC uested analyses? d in the field, ssion.	Yes Yes Yes Yes Yes Yes Yes Yes		Comments/Resolution Project LVP Line 975 Ft. West of Longview Fed 6 #11 has been separated into 2 reports due to sample volume.	
9. Was the sample 10. Were custody 11. If yes, were of 12. Was the sample Note: minute 13. If no visible Sample Contain 14. Are aqueous 15. Are VOC san 16. Is the head sy 17. Was a trip ble 18. Are non-VOc 19. Is the appropried Label 20. Were field sa Sample 1 Date/Tin Collecto Sample Preserv 21. Does the CO 22. Are sample(s	le(s) received intact, i.e., not broken? y/security seals present? custody/security seals intact? e received on ice? If yes, the recorded temp is 4' Thermal preservation is not required, if samples es of sampling	°C. i.e., 6°±2°C	Yes			
10. Were custod: 11. If yes, were of 12. Was the sample Note: minute 13. If no visible Sample Contain 14. Are aqueous 15. Are VOC san 16. Is the head sp 17. Was a trip ble 18. Are non-VOc 19. Is the appropr Field Label 20. Were field sa Sample I Date/Tin Collecto Sample Preserv 21. Does the CO 22. Are sample(s	y/security seals present? custody/security seals intact? e received on ice? If yes, the recorded temp is 4' Thermal preservation is not required, if samples es of sampling	°C. i.e. 6°±2°C			Workorders are as follows: E306051 &	
11. If yes, were of 12. Was the sample Note: minute 13. If no visible Sample Contain 14. Are aqueous 15. Are VOC san 16. Is the head sp 17. Was a trip bl. 18. Are non-VOc 19. Is the appropried Label 20. Were field sa Sample 1 Date/Tin Collector Sample Preserv 21. Does the CO 22. Are sample(s	custody/security seals intact? e received on ice? If yes, the recorded temp is 4' Thermal preservation is not required, if samples es of sampling	°C. i.e., 6°±2°C	No		E306052.	
12. Was the sample Note: minute 13. If no visible Sample Contain 14. Are aqueous 15. Are VOC san 16. Is the head span 17. Was a trip bl. 18. Are non-VOC 19. Is the appropried Label 20. Were field sa Sample 1 Date/Tin Collecto Sample Preserv 21. Does the CO 22. Are sample(s	e received on ice? If yes, the recorded temp is 4' Thermal preservation is not required, if samples es of sampling	°C. i.e., 6°±2°C			1500032.	
Note: minute 13. If no visible Sample Contain 14. Are aqueous 15. Are VOC san 16. Is the head sp 17. Was a trip ble 18. Are non-VOc 19. Is the appropr Field Label 20. Were field san Sample I Date/Tin Collecto Sample Preserv 21. Does the CO 22. Are sample(s	Thermal preservation is not required, if samples es of sampling	°C. i.e. 6°±2°C	NA			
14. Are aqueous 15. Are VOC san 16. Is the head sp 17. Was a trip ble 18. Are non-VOc 19. Is the appropr Field Label 20. Were field san Sample I Date/Tin Collector Sample Preserv 21. Does the CO 22. Are sample(se	ice, record the temperature. Actual samp	s are received w/i 15	Yes <u>C</u>			
15. Are VOC san 16. Is the head sp 17. Was a trip bl. 18. Are non-VOc 19. Is the appropr Field Label 20. Were field san Sample I Date/Tin Collector Sample Preserv 21. Does the CO 22. Are sample(s	<u>ier</u>					
16. Is the head sp 17. Was a trip black. 18. Are non-VOo 19. Is the appropr Field Label 20. Were field sa Sample Date/Tin Collector Sample Preserv 21. Does the CO 22. Are sample(s	VOC samples present?		No			
17. Was a trip bl. 18. Are non-VO 19. Is the appropr Field Label 20. Were field sa Sample I Date/Tin Collecto Sample Preserv 21. Does the CO 22. Are sample(s	mples collected in VOA Vials?		NA			
18. Are non-VO 19. Is the appropr Field Label 20. Were field sa Sample I Date/Tin Collecto Sample Preserv 21. Does the CO 22. Are sample(s	pace less than 6-8 mm (pea sized or less)?		NA			
19. Is the appropried Label 20. Were field sa Sample I Date/Tin Collecto Sample Preserv 21. Does the CO 22. Are sample(s	ank (TB) included for VOC analyses?		NA			
Field Label 20. Were field sa Sample I Date/Tin Collecto Sample Preserv 21. Does the CO 22. Are sample(s	C samples collected in the correct contained	ers?	Yes			
20. Were field sa Sample I Date/Tin Collecto Sample Preserv 21. Does the CO 22. Are sample(s	iate volume/weight or number of sample con-	tainers collected?	Yes			
21. Does the CO 22. Are sample(s	ne Collected?	nformation:	Yes Yes Yes			
22. Are sample(s	ation_					
	C or field labels indicate the samples were	e preserved?	No			
24 Is lab filterat	s) correctly preserved?		NA			
2 10 100 1110100	ion required and/or requested for dissolved	d metals?	No			
Multiphase San	nple Matrix					
26. Does the sam	nple have more than one phase, i.e., multip	hase?	No			
27. If yes, does t	he COC specify which phase(s) is to be an	nalyzed?	NA			
_	boratory required to get sent to a subcontract labora ntract laboratory specified by the client and	-	No NA	Subcontract Lab	o: na	
Client Instruct	<u>ion</u>					

Date

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



Appendix F

APPROVED VARIANCE REQUEST

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 185638

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	185638
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	A variance has been approved for 500 ft2 confirmation sample size on the release area. Please include this e-mail correspondence in the remediation and/or closure report.	2/14/2023

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 237735

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	237735
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2221329700 LVP LINE 975 FEET WEST OF LONGVIEW FED 6#11, thank you. This Remediation Closure Report is approved. A report for reclamation and revegetation including pictures of the contoured backfilled excavation surface and a thorough discussion on reseeding mixture, vegetation ratio, timelines, etc, will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	12/27/2023