

SITE ASSESSMENT, REMEDIATION AND CLOSURE REPORT

Devon Energy

Thistle Unit #65H

Incident ID: NRM2019860183

Prepared By: Pima Environmental Services, LLC.

Prepared For: Devon Energy Production, LP

SEPTEMBER 18, 2024 PIMA ENVIRONMENTAL SERVICES, LLC. 5614 Lovington Hwy, Hobbs, NM 88240



September 18, 2024

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

Thistle Unit #65H API No. 30-025-41303

GPS: Latitude 32.2542877 Longitude -103.5721207

UL P, Sec. 33, T23S, R33E

Lea County, NM

NMOCD Ref. No. NRM2019860183

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 Thistle Unit #65H (Thistle). The initial C-141 was submitted on July 8, 2020. This incident was assigned Incident ID NRM2019860183 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Thistle is located approximately twenty-four (24) miles northwest of Jal, NM. This spill site is in Unit P, Section 33, Township 23S, Range 33E, Latitude 32.2542877 Longitude -103.5721207, Lea County, NM. Figure 1 references a Location Map.

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

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is greater than 55 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 22 feet BGS. The groundwater information from C-04595-POD1, which is approximately 0.41 miles east of this release area, establishes a lack of groundwater at 55' bgs. This POD was drilled and recorded by Atkins Engineering in March of 2022. The bore was left open for the required 72-hour timeframe then checked for saturation. No saturation was encountered, the well was then plugged. Depth to groundwater at the Thistle will be classified as 51-100' BGS. Reference water surveys, pod information, and water-related maps can be found in Appendix A. The closest waterway is a Salt Playa located approximately 9.87 miles to the northeast of this location. See Appendix A for referenced water surveys.

	Table	1 NMAC and Closure Cr	iteria 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>NRM2019860183:</u> On July 6, 2020, a release occurred due to surface casing valve found open and flowing fluid. The valve handle was added to shut valve and wing valve. The released fluids were calculated to be approximately 363 barrels (bbls) of produced water. A vacuum truck was able to recover approximately 301 bbls of total fluid from the impacted area.

Site Assessment, Remediation, and Soil Sampling Results

On August 20, 2020, SMA personnel performed site delineation activities at the Thistle Unit #65H site. SMA collected soil samples around the release site and throughout the visibly stained area. The area(s) of visual impact was located partially within the boundary of the developed production facility, and partially in the pasture.

On October 19, 2020, Devon submitted a remediation plan written by SMA for this incident.

On March 19, 2021, the NMOCD reviewed and rejected the remediation plan as submitted.

On June 27, 2022, and July 11, 2022, Pima mobilized personnel to the site to assess the area. We sampled the impacted area at various depths. Laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

6-27-22 & 7-11-22 Soil Sample Results

	NMOCD.			r-11-22 30 eria 19.15.			o GW = 51	1-100')					
				VERGY T		<u> </u>							
Date: 6/27/	22 & 7/11/2		NM Approved Laboratory Results										
		Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI				
Sample ID	Date	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
BG-1	6/27/2022	0-6"	ND	ND	ND	ND	ND	0	ND				
BG-2	6/27/2022	0-6"	ND	ND	ND	ND	ND	0	ND				
SW-1	6/27/2022	1'	ND	ND	ND	ND	ND	0	ND				
SW-2	6/27/2022	1'	ND	ND	ND	ND	ND	0	ND				
SW-3	6/27/2022	1'	ND	ND	ND	ND	ND	0	ND				
SW-4	6/27/2022	1'	ND	ND	ND	ND	ND	0	ND				
SW-5	6/27/2022	1'	ND	ND	ND	ND	ND	0	ND				
	6/27/2022	1'	ND	ND	ND	ND	ND	0	197				
S-1	7/11/2022	1'	ND	ND	ND	ND	ND	0	ND				
3-1	7/11/2022	31	ND	ND	ND	ND	ND	0	ND				
	6/27/2022	41	ND	ND	ND	ND	ND	0	ND				
	6/27/2022	1'	ND	ND	ND	ND	ND	0	120				
S-2	7/11/2022	1'	ND	ND	ND	ND	ND	0	ND				
3-2	7/11/2022	3'	ND	ND	ND	ND	ND	0	ND				
	6/27/2022	4'	ND	ND	ND	ND	ND	0	ND				
	6/27/2022	1'	ND	ND	ND	ND	ND	0	ND				
S-3	7/11/2022	1'	ND	ND	ND	ND	ND	0	ND				
	7/11/2022	3'	ND	ND	ND	ND	ND	0	ND				
	6/27/2022	1'	ND	ND	ND	ND	ND	0	ND				
S-4	7/11/2022	1'	ND	ND	ND	ND	ND	0	ND				
	7/11/2022	3'	ND	ND	ND	ND	ND	0	ND				
	6/27/2022	1'	ND	ND	ND	ND	ND	0	ND				
S-5	7/11/2022	1'	ND	ND	ND	ND	ND	0	ND				
	7/11/2022	3'	ND	ND	ND	ND	ND	0	ND				

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.



Based on the soil sample results, and research with the production department at Devon Energy, we conclude that due to surface scraping and excavating of the spill area by a roustabout company and basic site maintenance, the contamination levels have been sufficiently neutralized in accordance with Table 1 of NMAC 19.15.29.1. Contaminated soil was hauled to R360, an NMOCD-approved disposal site, the surrounding pad area was utilized as backfill, packed and recontoured to match its previous state.

Countermeasures Due to Rejection (NMOCD Application ID: 169463)

On February 10, 2023, the NMOCD denied the remediation closure report citing:

The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141) for Incident ID (n#) NRM2019860183, for the following reasons:

Closure Report Denied. Previous Remediation Plan (SMA 10/15/2020) indicated high levels of chloride (>20,000 mg/kg) and TPH (>100 mg/kg) from surface-2' and as noted no active remediation occurred. Current report mentions excavation but you did not provide supporting data. In addition, chlorides do naturally attenuate. Please collect soil samples below 4'-6' to demonstrate chloride concentrations >10,000 mg/kg are not present.

In response to the rejected closure report Pima returned to the Thistle on April 8, 2023, per the NMOCD to collect additional soil samples. Site Map 2 can be found in Figure 5. Pima utilized a backhoe to collect soil samples S1-S5 at a depth of 4'-6' bgs. Laboratory results of this sampling event can be found in the following data table.

4-8-2023 Soil Sample Results

	NMOCD Ta	ble 1 Closui		19.15.29 NN			lwater 51-	100')	
			DEVON E	NERGY THIS	TLE UNIT 6	5 H			
			NM Appı	roved Labora	atory Resu	lts			
Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/k g
		4'	ND	ND	ND	ND	ND	0	ND
S-1		5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
		4'	ND	ND	ND	ND	ND	0	ND
S-2		5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
		4'	ND	ND	ND	ND	ND	0	ND
S-3		5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
	4/0/2022	4'	ND	ND	ND	ND	ND	0	ND
S-4	4/8/2023	5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
		4'	ND	ND	ND	ND	ND	0	ND
S-5		5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
SW 1		6"	ND	ND	ND	ND	ND	0	ND
SW 2		6"	ND	ND	ND	ND	ND	0	ND
SW 3		6"	ND	ND	ND	ND	ND	0	ND
SW 4		6"	ND	ND	ND	ND	ND	0	ND
BG 1		6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.



Based on the soil sample results, and research with the production department at Devon Energy, we conclude that due to surface scraping and excavating of the spill area by a roustabout company and basic site maintenance, the contamination levels have been sufficiently neutralized in accordance with Table 1 of NMAC 19.15.29.1. Contaminated soil was hauled to R360, an NMOCD-approved disposal site, the surrounding pad area was utilized as backfill, packed and recontoured to match its previous state.

Countermeasures Due to Rejection (NMOCD Application ID: 209638)

On July 14, 2023, the NMOCD denied the remediation closure report citing:

The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for Incident ID (n#) NRM2019860183, for the following reasons:

- Latest closure report stated, "Based on the soil sample results, and research with the production department at Devon Energy, we conclude that due to surface scraping and excavating of the spill area by a roustabout company and basic site maintenance, the contamination levels have been sufficiently neutralized in accordance with the Table 1 of NMAC 19.15.29.12". No supporting documentation was provided for the remedial activity. Devon must furnish all reference to this event(s), including date(s) when this occurred, any disposal manifest documents, and sampling data, if any. February 10, 2023, OCD denial of closure report also mentioned this along with stating that "chlorides do not naturally attenuate". Devon should take into account the duration of time since the date of discovery (DOD) and how the release has been altered over the last 3 years.
- Per Paragraph 1 of Subsection D of 19.15.29.12 NMAC, which states, "The responsible party must test the remediated areas for contamination with representative five-point composite samples from the walls and base, and individual grab samples from any wet or discolored areas. The samples must be analyzed for the constituents listed in Table 1 of 19.15.29.12 NMAC or constituents from other applicable remediation standards". Any wet or discolored areas from the release would not likely be present 3 years after the DOD. Sample collection from the same proximity of the initial remediation plan delineation sampling should have been re-investigated and expanded to confirm the horizontal and vertical extent of the impacts. Delineation of a large areal extent presented from this release will require a substantial number of points in order to achieve the horizontal extent.
- Delineation points can be used towards achieving closure, but it must be completed per Subparagraph a of Paragraph 1
 of Subsection D of 19.15.29.12 NMAC (key verbiage being final sampling).
- OCD was not provided with any dates or times when the photos in the report were collected nor any explanation for any
 of the individual imageries presented.
- The closure report presented "generalities" rather than specifics as it pertained to this incident. Soil lithology, specific
 sample point locations (e.g. gps coordinates or from a point of reference), and photos with details to the imageries along
 with date and time are all essential to understanding the incident from its conception to its final closure.

In response to the closure report rejection, Devon submitted a remediation work plan (NMOCD Application ID: 357239) it was approved by NMOCD on July 2, 2024. The work plan proposed to excavate the original release area shown in SMA's remediation plan. The area totaled 16,792 sq ft at an average depth of 4 feet below grade surface, approximately 2,487 cubic yards as the first phase of reclamation.

On August 21, 2024, Devon dispatched a construction crew to begin excavating the area, samples were collected and tested at the surface and subsequent samples were collected 1' at a time totaling no less than 4' until the contaminated soil was removed. Once the contaminated soil was removed from the pad and pasture area it was hauled off and disposed of at Owl North Delaware Basin, a NMOCD- approved facility.

After submitting a 48-hour sampling notification (Appendix C), Pima returned to the Thistle on September 5, 2024, to conduct confirmation sampling on the excavated area. Pima collected eighty-four 5-point composite bottom samples at 4' labeled CS1- CS84 and sixteen 5-point composite sidewall samples 0-4' labeled CSW1-CSW16. Composite samples collected represented no more than

200 square feet from the base and walls of the excavated area. Laboratory results from this sampling event can be found in the following data table. A Confirmation Sample Map can be found in Figure 5. Samples results confirmed that the contamination was

removed from the excavated area. On September 13, 2024, Devon returned to the Thistle to backfill the excavated area with clean, like material. Photographic documentation of the remediation and backfilling can be found in Appendix D.



9-5-24 Soil Sample Results

NMC	OCD Table	1 Closure			mple Result MAC (Dept		ındwater is !	51-100')
			DEVON EN					
Date: 9-	5-24			NM Appr	oved Labo	ratory Re		
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	4' Composite	ND	ND	ND	ND	ND	0	ND
CS2	4' Composite	ND	ND	ND	ND	ND	0	ND
CS3	4' Composite	ND	ND	ND	ND	ND	0	ND
CS4	4' Composite	ND	ND	ND	ND	ND	0	ND
CS5	4' Composite	ND	ND	ND	ND	ND	0	ND
CS6	4' Composite	ND	ND	ND	ND	ND	0	ND
CS7	4' Composite	ND	ND	ND	ND	ND	0	ND
CS8	4' Composite	ND	ND	ND	ND	ND	0	ND
CS9	4' Composite	ND	ND	ND	ND	ND	0	ND
CS10	4' Composite	ND	ND	ND	ND	ND	0	ND
CS11	4' Composite	ND	ND	ND	ND	ND	0	ND
CS12	4' Composite	ND	ND	ND	ND	ND	0	ND
CS13	4' Composite	ND	ND	ND	ND	ND	0	ND
CS14	4' Composite	ND	ND	ND	ND	ND	0	ND
CS15	4' Composite	ND	ND	ND	ND	ND	0	ND
CS16	4' Composite	ND	ND	ND	ND	ND	0	ND
CS17	4' Composite	ND	ND	ND	ND	ND	0	ND
CS18	4' Composite	ND	ND	ND	ND	ND	0	ND
CS19	4' Composite	ND	ND	ND	ND	ND	0	ND
CS20	4' Composite	ND	ND	ND	ND	ND	0	ND
CS21	4' Composite	ND	ND	ND	ND	ND	0	ND
CS22	4' Composite	ND	ND	ND	ND	ND	0	ND
CS23	4' Composite	ND	ND	ND	ND	ND	0	ND
CS24	4' Composite	ND	ND	ND	ND	ND	0	ND



NMC	OCD Table	1 Closure	Criteria 19	.15.29 NI	MAC (Dept	th to Grou	ındwater is !	51-100')
			DEVON EN		istle Unit #			
Date: 9-	5-24			NM App	roved Labo	ratory Re		
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS25	4' Composite	ND	ND	ND	ND	ND	0	ND
CS26	4' Composite	ND	ND	ND	ND	ND	0	ND
CS27	4' Composite	ND	ND	ND	ND	ND	0	ND
CS28	4' Composite	ND	ND	ND	ND	ND	0	ND
CS29	4' Composite	ND	ND	ND	ND	ND	0	ND
CS30	4' Composite	ND	ND	ND	ND	ND	0	ND
CS31	4' Composite	ND	ND	ND	ND	ND	0	ND
CS32	4' Composite	ND	ND	ND	ND	ND	0	ND
CS33	4' Composite	ND	ND	ND	ND	ND	0	ND
CS34	4' Composite	ND	ND	ND	ND	ND	0	ND
CS35	4' Composite	ND	ND	ND	ND	ND	0	ND
CS36	4' Composite	ND	ND	ND	ND	ND	0	ND
CS37	4' Composite	ND	ND	ND	ND	ND	0	ND
CS38	4' Composite	ND	ND	ND	ND	ND	0	ND
CS39	4' Composite	ND	ND	ND	ND	ND	0	ND
CS40	4' Composite	ND	ND	ND	ND	ND	0	ND
CS41	4' Composite	ND	ND	ND	ND	ND	0	ND
CS42	4' Composite	ND	ND	ND	ND	ND	0	ND
CS43	4' Composite	ND	ND	ND	ND	ND	0	ND
CS44	4' Composite	ND	ND	ND	ND	ND	0	ND
CS45	4' Composite	ND	ND	ND	ND	ND	0	ND
CS46	4' Composite	ND	ND	ND	ND	ND	0	ND
CS47	4' Composite	ND	ND	ND	ND	ND	0	ND
CS48	4' Composite	ND	ND	ND	ND	ND	0	ND



NMC	OCD Table	1 Closure	Criteria 19	.15.29 N	MAC (Dept	:h to Grou	ındwater is !	51-100')
			DEVON EN		istle Unit #			
Date: 9-	5-24			NM App	roved Labo	ratory Re		
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS49	4' Composite	ND	ND	ND	ND	ND	0	ND
CS50	4' Composite	ND	ND	ND	ND	ND	0	ND
CS51	4' Composite	ND	ND	ND	ND	ND	0	ND
CS52	4' Composite	ND	ND	ND	ND	ND	0	ND
CS53	4' Composite	ND	ND	ND	ND	ND	0	ND
CS54	4' Composite	ND	ND	ND	ND	ND	0	ND
CS55	4' Composite	ND	ND	ND	ND	ND	0	ND
CS56	4' Composite	ND	ND	ND	ND	ND	0	ND
CS57	4' Composite	ND	ND	ND	ND	ND	0	ND
CS58	4' Composite	ND	ND	ND	ND	ND	0	ND
CS59	4' Composite	ND	ND	ND	ND	ND	0	ND
CS60	4' Composite	ND	ND	ND	ND	ND	0	ND
CS61	4' Composite	ND	ND	ND	ND	ND	0	ND
CS62	4' Composite	ND	ND	ND	ND	ND	0	ND
CS63	4' Composite	ND	ND	ND	ND	ND	0	ND
CS64	4' Composite	ND	ND	ND	ND	ND	0	ND
CS65	4' Composite	ND	ND	ND	ND	ND	0	ND
CS66	4' Composite	ND	ND	ND	ND	ND	0	ND
CS67	4' Composite	ND	ND	ND	ND	ND	0	ND
CS68	4' Composite	ND	ND	ND	ND	ND	0	ND
CS69	4' Composite	ND	ND	ND	ND	ND	0	ND
CS70	4' Composite	ND	ND	ND	ND	ND	0	ND
CS71	4' Composite	ND	ND	ND	ND	ND	0	ND
CS72	4' Composite	ND	ND	ND	ND	ND	0	ND



NMC	OCD Table	1 Closure	Criteria 19	.15.29 NI	MAC (Dept	th to Grou	ındwater is	51-100')
			DEVON EN		istle Unit #			
Date: 9-	5-24			NM App	roved Labo	ratory Re		
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS73	4' Composite	ND	ND	ND	ND	ND	0	ND
CS74	4' Composite	ND	ND	ND	ND	ND	0	ND
CS75	4' Composite	ND	ND	ND	ND	ND	0	ND
CS76	4' Composite	ND	ND	ND	ND	ND	0	ND
CS77	4' Composite	ND	ND	ND	ND	ND	0	ND
CS78	4' Composite	ND	ND	ND	ND	ND	0	ND
CS79	4' Composite	ND	ND	ND	ND	ND	0	ND
CS80	4' Composite	ND	ND	ND	ND	ND	0	ND
CS81	4' Composite	ND	ND	ND	ND	ND	0	ND
CS82	4' Composite	ND	ND	ND	ND	ND	0	ND
CS83	4' Composite	ND	ND	ND	ND	ND	0	ND
CS84	4' Composite	ND	ND	ND	ND	ND	0	ND
CSW1	0-4' composite	ND	ND	ND	ND	ND	0	ND
CSW2	0-4' composite	ND	ND	ND	ND	ND	0	ND
CSW3	0-4' composite	ND	ND	ND	ND	ND	0	ND
CSW4	0-4' composite	ND	ND	ND	ND	ND	0	ND
CSW5	0-4' composite	ND	ND	ND	ND	ND	0	ND
CSW6	0-4' composite	ND	ND	ND	ND	ND	0	ND
CSW7	0-4' composite	ND	ND	ND	ND	ND	0	ND
CSW8	0-4' composite	ND	ND	ND	ND	ND	0	ND
CSW9	0-4' composite	ND	ND	ND	ND	ND	0	ND
CSW10	0-4' composite	ND	ND	ND	ND	ND	0	ND
CSW11	0-4' composite	ND	ND	ND	45.1	ND	45.1	ND
CSW12	0-4' composite	ND	ND	ND	25.4	ND	25.4	ND
CSW13	0-4' composite	ND	ND	ND	ND	ND	0	ND



NMC	OCD Table	1 Closure	Criteria 19	.15.29 N	MAC (Dept	h to Grou	ındwater is !	51-100')						
	DEVON ENERGY Thistle Unit #65H													
Date: 9-5-24 NM Approved Laboratory Results														
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene GRO mg/kg mg/kg		DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg						
CSW14	0-4' composite	ND	ND	ND	ND	ND	0	ND						
CSW15	0-4' composite	ND	ND	ND	ND	ND	0	ND						
CSW16	0-4' composite	ND	ND	ND	ND	ND	0	ND						

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Closure Request

After careful review, Pima requests that this incident, NRM2019860183 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 DelRae Geller at 806-724-5391 or delrae@pimaoil.com.

Respectfully,

DelRae Geller

Project Manager

Pima Environmental Services, LLC.

DelRae Geller

Attachments

Figures:

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

Appendices:

Appendix A – Referenced Water Surveys

Appendix B – Soil Survey and Geological Data

Appendix C – 48-Hour Sampling Notification

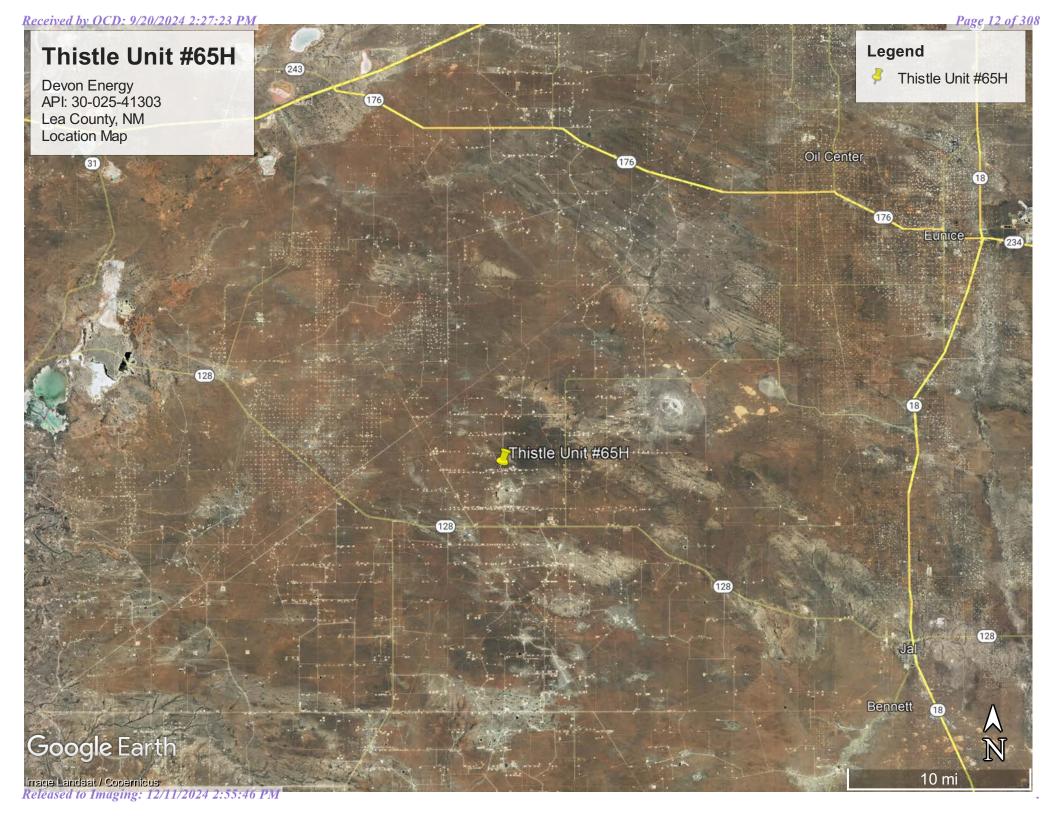
Appendix D – Photographic Documentation

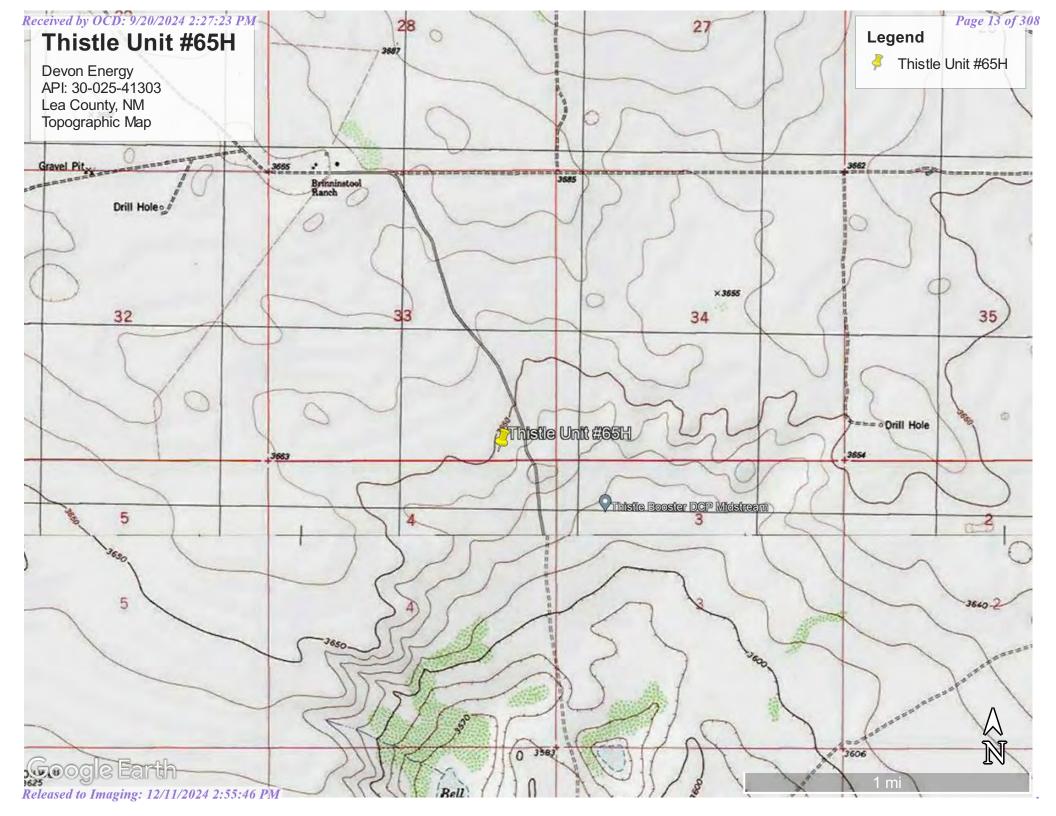
Appendix E – Laboratory Reports

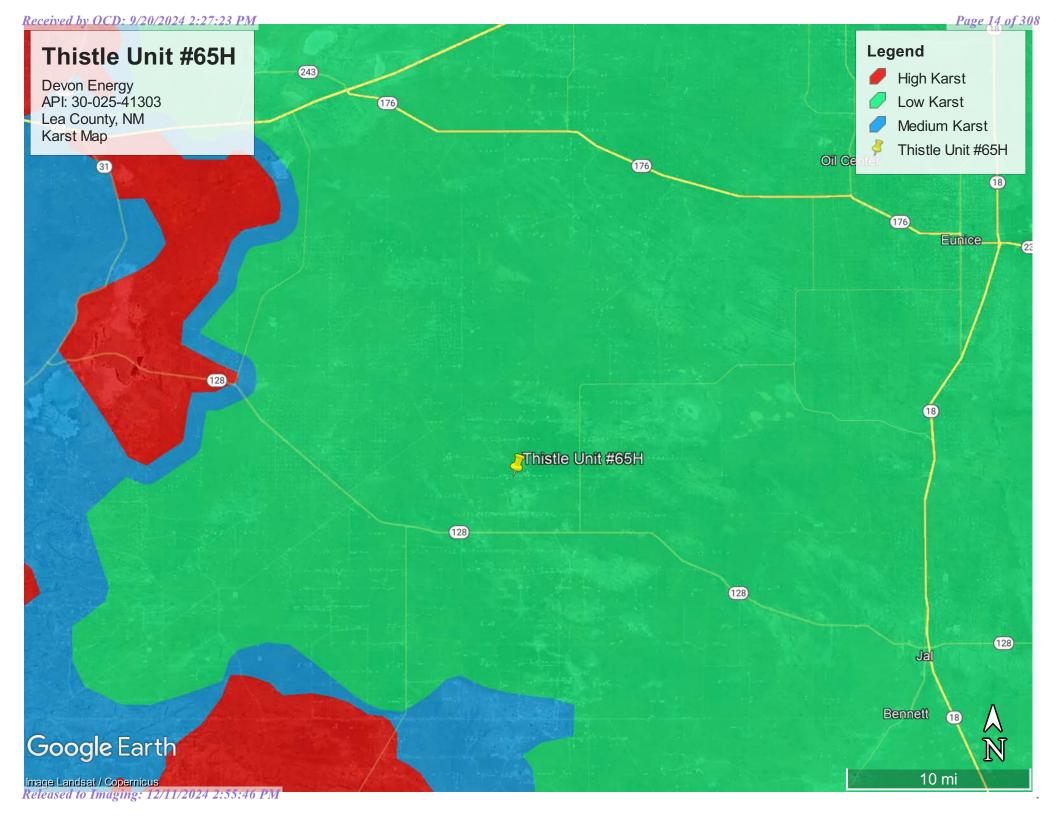


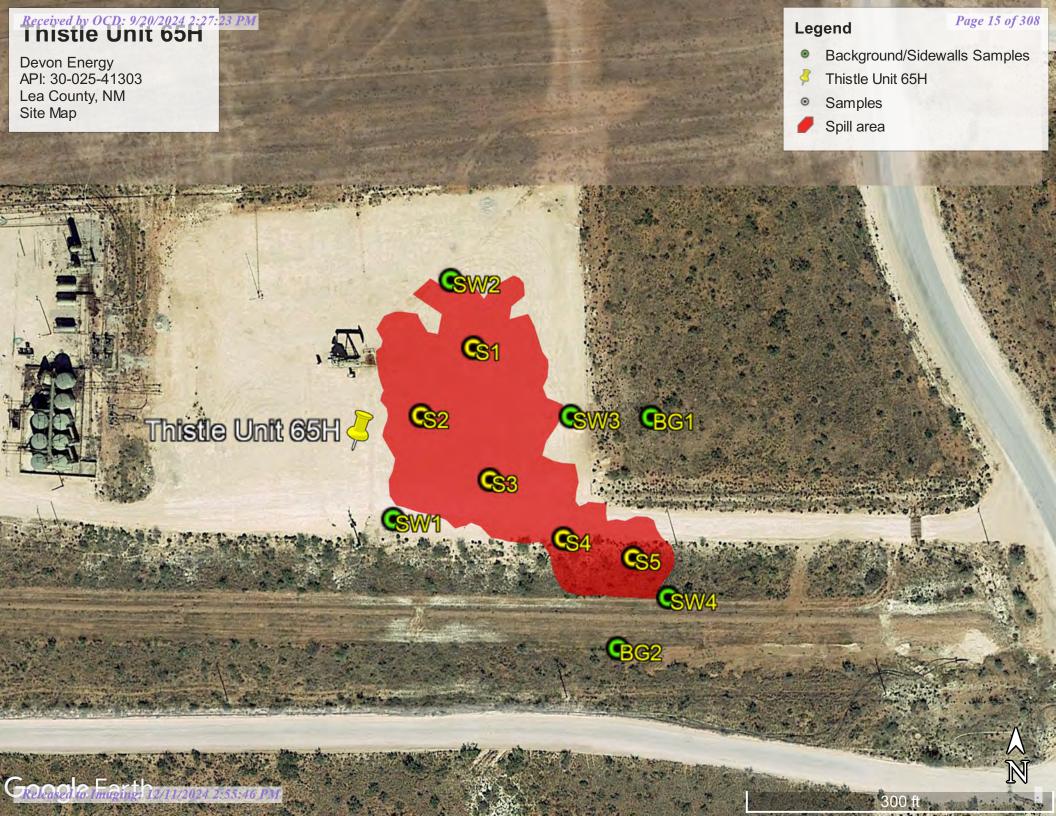
Figures:

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

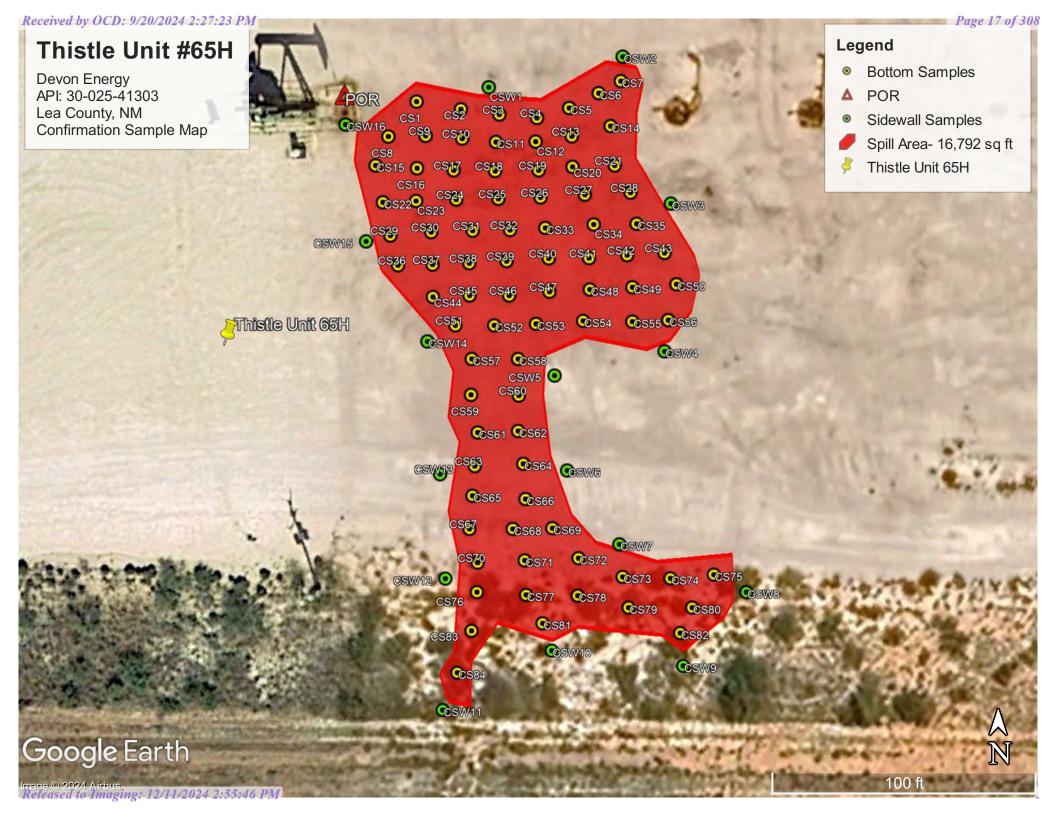














Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

DOD

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

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

(In feet)

		POD													
POD Number	Code	Sub-	Country	_	Q	_		Trans	Dua	X	Y	Distance Des	a 4 h Wall Dam		Water
C 04595 POD1	Code	CUB	County LE				34	23S	33E	635150	3569564 (DistanceDep 647	55 55	un water C	oiumn
<u>C 02281</u>		CUB	LE	3	4	4	28	23S	33E	634495	3571183*	1666	545	400	145
<u>C 02279</u>		CUB	LE	3	4	3	28	23S	33E	633691	3571173*	1845	650	400	250
<u>C 03591 POD1</u>		CUB	LE	2	1	4	05	24S	33E	632731	3568518	2034			
<u>C 02280</u>		CUB	LE	3	2	4	28	23S	33E	634489	3571586*	2069	650	400	250
<u>C 02308</u>		CUB	LE	1	3	1	10	24S	33E	634953	3567364*	2198	40	20	20
<u>C 02278</u>		CUB	LE	3	4	2	28	23S	33E	634484	3571989*	2472	650	400	250
C 03565 POD3		CUB	LE		3	4	08	24S	33E	632763	3566546	3441		1533	
C 04551 POD1		CUB	LE	4	4	3	31	23S	33E	630671	3569556	3833			
<u>C 02277</u>		CUB	LE	2	3	4	20	23S	33E	632663	3572970*	3913	550	400	150
<u>C 02284</u>		CUB	LE	4	2	4	26	23S	33E	637907	3571626*	4003	325	225	100
<u>C 02283</u>		CUB	LE	4	2	2	26	23S	33E	637896	3572431*	4472	325	225	100
<u>C 02282</u>		CUB	LE	3	1	1	25	23S	33E	638098	3572436*	4630	325	225	100
C 04014 POD5		CUB	LE	1	4	2	01	24S	33E	639284	3569086	4799	95	85	10
C 04014 POD4		CUB	LE	3	4	2	01	24S	33E	639295	3568859	4835	96	86	10
<u>C 02430</u>		CUB	LE	3	3	3	16	24S	33E	633377	3564732*	4915	643	415	228
<u>C 02431</u>		CUB	LE	4	4	4	17	24S	33E	633175	3564728*	4969	525	415	110
<u>C 02432</u>		CUB	LE	4	4	4	17	24S	33E	633175	3564728*	4969	640	415	225
											Avera	ge Depth to Wate	er:	376 fe	et
												Minimum De	pth:	20 fe	et

1522 6

Maximum Depth:

1533 feet

Record Count: 18

UTMNAD83 Radius Search (in meters):

Easting (X): 634504.18 **Northing (Y):** 3569516.1 **Radius:** 5000

*UTM location was derived from PLSS - see Help

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

6/22/22 2:33 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well Tag



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

POD Number Q64 Q16 Q4 Sec Tws Rng

NA C 04595 POD1 34 23S 33E

635150 3569564

Driller License: 1249 **Driller Company:**

ATKINS ENGINEERING ASSOC. INC.

Driller Name:

JACKIE ATKINS

Drill Finish Date:

03/09/2022 **Plug Date:**

03/31/2022

Drill Start Date: Log File Date:

03/09/2022 04/04/2022

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well: 55 feet Depth Water:

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.

11/15/22 8:46 AM

POINT OF DIVERSION SUMMARY





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the <u>Water Data For The Nation Blog</u> for full details, including how to navigate back to the legacy Current Condition page, if desired.
- 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 =

• 321348103340401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321348103340401 24S.33E.10.13123

Available data for this site Groundwater: Field measurements GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°14'04.9", Longitude 103°34'02.4" NAD83

Land-surface elevation 3,592 feet above NAVD88

The depth of the well is 36 feet below land surface.

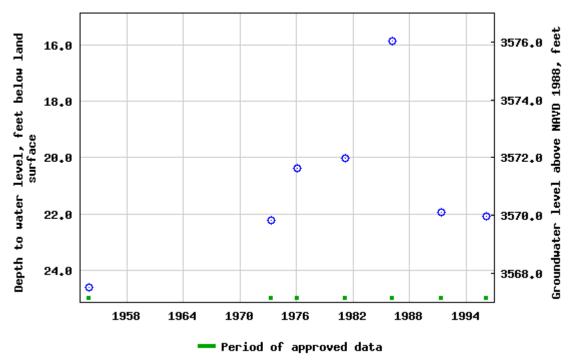
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Ogallala Formation (1210GLL) local aquifer.

Output formats

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

USGS 321348103340401 245.33E.10.13123



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

Privacy

Policies and Notices

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

Title: Groundwater for USA: Water Levels

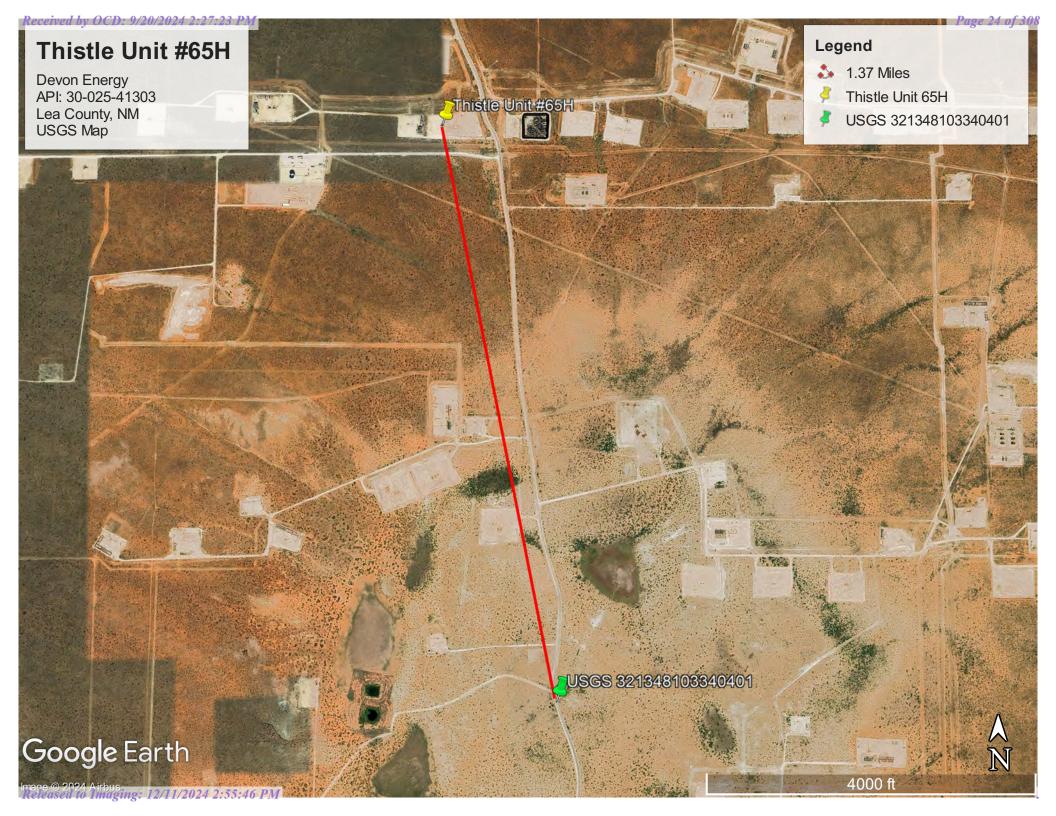
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

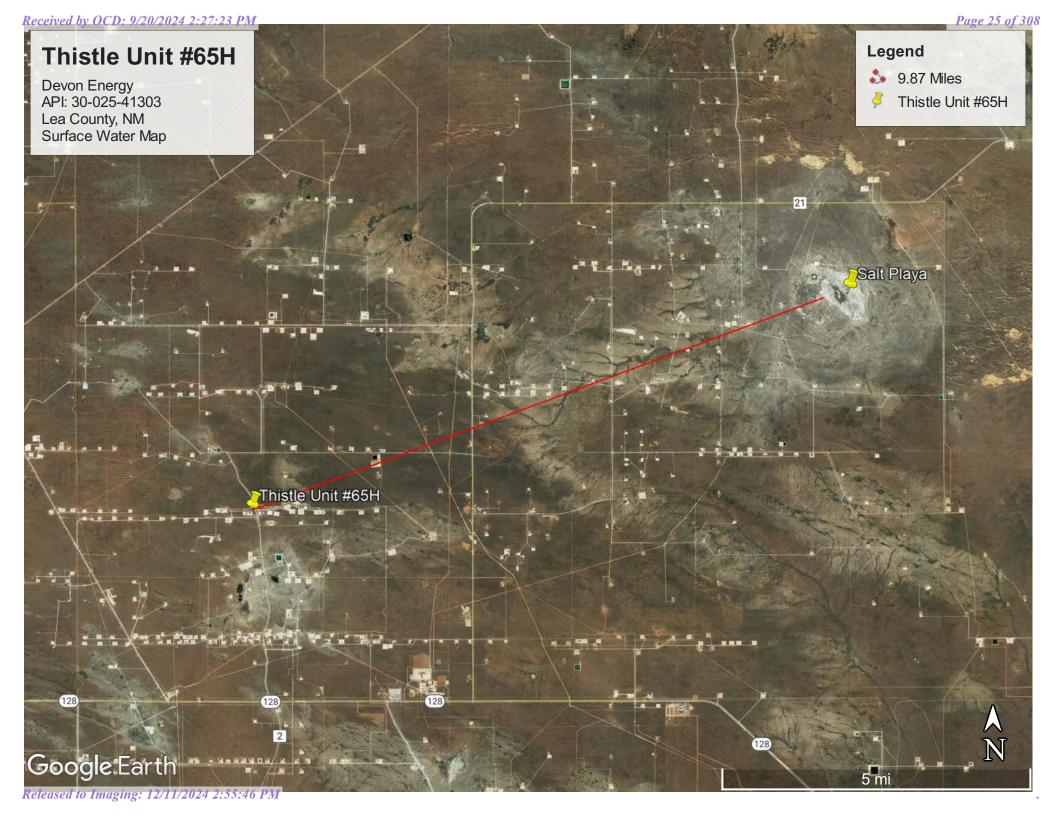
Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2022-11-15 11:18:41 EST

0.56 0.48 nadww02









Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent Maljamar and similar soils: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary

rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Negligible

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

(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

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

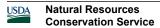
mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e



Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: A

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary

rock

Typical profile

A - 0 to 24 inches: fine sand

Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 40 to 60 inches to petrocalcic

Drainage class: Well drained Runoff class: Very low

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

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

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

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

mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent

Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 19, Sep 8, 2022

Received by OCD: 9/20/2024 2:27:23 PM 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 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD 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 OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/15/2022 at 11:42 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

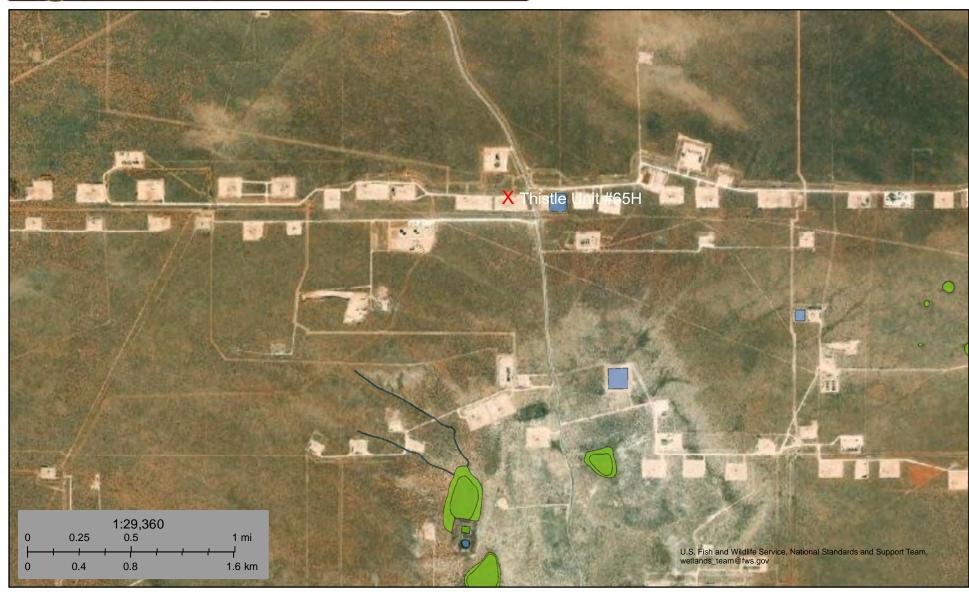
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



2.000



Wetlands Map



November 15, 2022

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

Freshwater Forested/Shrub Wetland

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

48-Hour Sampling Notification



Delrae Pima Oil <delrae@pimaoil.com>

FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 379972

1 message

Woodall, Dale <Dale.Woodall@dvn.com>
To: Delrae Pima Oil <delrae@pimaoil.com>

Tue, Sep 3, 2024 at 9:10 AM

Dale Woodall

Environmental Professional

Hobbs, NM

Office: 575-748-1838

Mobile: 405-318-4697

Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

Sent: Tuesday, September 3, 2024 9:09 AM
To: Woodall, Dale <Dale.Woodall@dvn.com>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 379972

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nRM2019860183.

The sampling event is expected to take place:

When: 09/05/2024 @ 10:00

Where: P-33-23S-33E 0 FNL 0 FEL (32.2542877,-103.5721207)

Additional Information: Andrew Franco (806) 200-0054

Additional Instructions: 32.2542877, -103.5721207

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

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

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

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive

Santa Fe, NM 87505

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



Appendix D

Photographic Documentation



PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Thistle Unit 65H

Flagging:



Site information sign



Photo of flagging prior to excavation, facing northeast.



Photo of flagging prior to excavation, facing southeast.



Photo of flagging prior to excavation, facing northwest.





Photo of flagging prior to excavation, facing northwest.



Photo of flagging prior to excavation, facing west.



Photo of flagging prior to excavation, facing south.



Photo of flagging prior to excavation, facing southeast.





Photo of flagging prior to excavation, facing south.



Photo of flagging prior to excavation, facing north.



Photo of flagging prior to excavation, facing west.



Photo of flagging prior to excavation, facing north.



PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Thistle Unit 65H

Excavation:

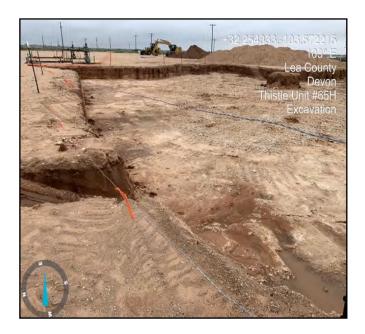


Photo of site during excavation, facing east.



Photo of site during excavation, facing north.



Photo of site during excavation, facing northeast.



Photo of site during excavation, facing north.





Photo of site during excavation, facing south.



Photo of site during excavation, facing northeast.



Photo of site during excavation, facing south.



Photo of site during excavation, facing northwest.



PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Thistle Unit 65H

Post Excavation:



Photo of excavation completed pursuant to being backfilled, facing southwest.



Photo of excavation completed pursuant to being backfilled, facing southeast.



Photo of excavation completed pursuant to being backfilled, facing southeast.



Photo of excavation completed pursuant to being backfilled, facing south.



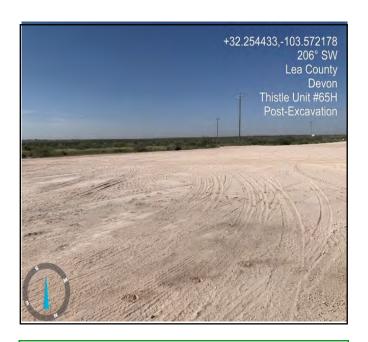


Photo of excavation completed pursuant to being backfilled, facing southwest.



Photo of excavation completed pursuant to being backfilled, facing west.



Photo of excavation completed pursuant to being backfilled, facing southeast.



Aerial photo of the excavation site completed.





Aerial photo of the excavation site completed.



Aerial photo of the excavation site completed.



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: Thistle Unit 65 H

Work Order: E206232

Job Number: 01058-0007

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/7/22

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

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

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

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

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

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

Date Reported: 7/7/22

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Thistle Unit 65 H

Workorder: E206232

Date Received: 6/29/2022 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 8:00:00AM, under the Project Name: Thistle Unit 65 H.

The analytical test results summarized in this report with the Project Name: Thistle Unit 65 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/07/22 15:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG-1	E206232-01A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
BG-2	E206232-02A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
SW-1	E206232-03A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
SW-2	E206232-04A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
SW-3	E206232-05A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
SW-4	E206232-06A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
SW-5	E206232-07A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
S-1 1'	E206232-08A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
S-1 4'	E206232-09A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
S-2 1'	E206232-10A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
S-2 4'	E206232-11A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
S-3 1'	E206232-12A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
S-4 1'	E206232-13A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.
S-5 1'	E206232-14A	Soil	06/27/22	06/29/22	Glass Jar, 4 oz.



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM

BG-1 E206232-01

		2200202 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
p-Xylene	ND	0.0250	1	07/05/22	07/07/22	
o,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2228003
Diesel Range Organics (C10-C28)	ND	50.0	2	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	100	2	07/05/22	07/05/22	
Surrogate: n-Nonane		124 %	50-200	07/05/22	07/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2228005
Chloride	ND	20.0	1	07/05/22	07/06/22	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM

BG-2 E206232-02

	D 1	Reporting	Dil e	ъ .	. 1 1	N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2228003
Diesel Range Organics (C10-C28)	ND	50.0	2	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	100	2	07/05/22	07/05/22	
Surrogate: n-Nonane		127 %	50-200	07/05/22	07/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2228005
Chloride	ND	20.0	1	07/05/22	07/06/22	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM

SW-1

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2228010
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0500	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
	92.9 %	70-130	07/05/22	07/07/22	
mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2228010
ND	20.0	1	07/05/22	07/07/22	
	92.0 %	70-130	07/05/22	07/07/22	
mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2228003
ND	50.0	2	07/05/22	07/05/22	
ND	100	2	07/05/22	07/05/22	
	130 %	50-200	07/05/22	07/05/22	
mg/kg	130 % mg/kg		07/05/22 nalyst: KL	07/05/22	Batch: 2228005
	mg/kg ND ND ND ND ND ND ND ND 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 mg/kg mg/kg MD 20.0 92.0 % mg/kg mg/kg mg/kg ND 50.0	mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 92.9 % 70-130 mg/kg mg/kg Ar ND 20.0 1 mg/kg mg/kg Ar ND 50.0 2	mg/kg mg/kg Analyst: IY ND 0.0250 1 07/05/22 ND 0.0250 1 07/05/22 ND 0.0250 1 07/05/22 ND 0.0250 1 07/05/22 ND 0.0500 1 07/05/22 ND 0.0250 1 07/05/22 MD 0.0250 1 07/05/22 mg/kg mg/kg Analyst: IY ND 20.0 1 07/05/22 mg/kg 70-130 07/05/22 mg/kg mg/kg Analyst: JL ND 50.0 2 07/05/22	mg/kg mg/kg Analyst: IY ND 0.0250 1 07/05/22 07/07/22 ND 0.0500 1 07/05/22 07/07/22 ND 0.0250 1 07/05/22 07/07/22 MD 0.0250 1 07/05/22 07/07/22 mg/kg mg/kg Analyst: IY ND 20.0 1 07/05/22 07/07/22 mg/kg mg/kg Analyst: IX 07/05/22 07/07/22 MD 50.0 2 07/05/22 07/05/22 07/05/22



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM

SW-2

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2228003
Diesel Range Organics (C10-C28)	ND	50.0	2	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	100	2	07/05/22	07/05/22	
Surrogate: n-Nonane		129 %	50-200	07/05/22	07/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2228005
Chloride	ND	20.0	1	07/05/22	07/06/22	•



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM

SW-3

	Reporting				
Result	Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2228010
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0500	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
	93.0 %	70-130	07/05/22	07/07/22	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2228010
ND	20.0	1	07/05/22	07/07/22	
	91.6%	70-130	07/05/22	07/07/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2228003
ND	50.0	2	07/05/22	07/06/22	
ND	100	2	07/05/22	07/06/22	
	125 %	50-200	07/05/22	07/06/22	
mg/kg	mg/kg	Ana	lyst: KL		Batch: 2228005
	mg/kg ND ND ND ND ND ND ND ND ND N	Result 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 MB/kg mg/kg MD 20.0 91.6 % mg/kg ND 50.0 ND 100	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 93.0 % 70-130 mg/kg mg/kg Ana ND 20.0 1 91.6 % 70-130 70-130 mg/kg mg/kg Ana ND 50.0 2 ND 100 2	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 07/05/22 ND 0.0250 1 07/05/22 ND 0.0250 1 07/05/22 ND 0.0250 1 07/05/22 ND 0.0500 1 07/05/22 ND 0.0250 1 07/05/22 MD 0.0250 1 07/05/22 mg/kg mg/kg Analyst: IY ND 20.0 1 07/05/22 mg/kg 70-130 07/05/22 mg/kg mg/kg Analyst: JL ND 50.0 2 07/05/22 ND 50.0 2 07/05/22 ND 100 2 07/05/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 07/05/22 07/07/22 ND 0.0250 1 07/05/22 07/07/22 07/07/22 ND 0.0250 1 07/05/22 07/07/22 07/07/22 ND 0.0500 1 07/05/22 07/07/22 07/07/22 07/07/22 ND 0.0250 1 07/05/22 07/07/22 07/07/22 mg/kg mg/kg Analyst: IY ND 20.0 1 07/05/22 07/07/22 mg/kg mg/kg Analyst: IY 07/05/22 07/07/22 07/07/22 mg/kg mg/kg Analyst: JL ND 50.0 2 07/05/22 07/06/22 07/06/22 ND 50.0 2 07/05/22 07/06/22 07/06/22 07/06/22 ND 100 2 07/05/22 07/06/22 07/06/22 07/06/22



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM

SW-4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2228003
Diesel Range Organics (C10-C28)	ND	50.0	2	07/05/22	07/06/22	
Oil Range Organics (C28-C36)	ND	100	2	07/05/22	07/06/22	
Surrogate: n-Nonane		124 %	50-200	07/05/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2228005
· · · · · · · · · · · · · · · · · · ·	ND	20.0		07/05/22	07/06/22	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM

SW-5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		91.5 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2228003
Diesel Range Organics (C10-C28)	ND	50.0	2	07/05/22	07/06/22	
Oil Range Organics (C28-C36)	ND	100	2	07/05/22	07/06/22	
Surrogate: n-Nonane		127 %	50-200	07/05/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2228005
Chloride	ND	20.0	1	07/05/22	07/06/22	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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S-1 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2228003
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/06/22	
Surrogate: n-Nonane		112 %	50-200	07/05/22	07/06/22	
	mg/kg	mg/kg	Analy	rst: KL		Batch: 2228005
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1 111111)			Buttern 2220000



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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S-1 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2228003
Diesel Range Organics (C10-C28)	ND	50.0	2	07/05/22	07/06/22	
Oil Range Organics (C28-C36)	ND	100	2	07/05/22	07/06/22	
Surrogate: n-Nonane		130 %	50-200	07/05/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2228005
· · · · · · · · · · · · · · · · · · ·	ND	20.0		07/05/22	07/06/22	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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S-2 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2228003
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/06/22	
Surrogate: n-Nonane		114 %	50-200	07/05/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2228005
Amons by E171500:0/2030/1						



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2228003
Diesel Range Organics (C10-C28)	ND	50.0	2	07/05/22	07/06/22	
Oil Range Organics (C28-C36)	ND	100	2	07/05/22	07/06/22	
Surrogate: n-Nonane		135 %	50-200	07/05/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2228005
Allons by EPA 500.0/9050A						



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM

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E20	6232	-12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2228003
Diesel Range Organics (C10-C28)	ND	50.0	2	07/05/22	07/06/22	
Oil Range Organics (C28-C36)	ND	100	2	07/05/22	07/06/22	
Surrogate: n-Nonane		130 %	50-200	07/05/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2228005
	ND	20.0		07/05/22	07/06/22	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2228010
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
ND	0.0500	1	07/05/22	07/07/22	
ND	0.0250	1	07/05/22	07/07/22	
	91.9 %	70-130	07/05/22	07/07/22	
mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2228010
ND	20.0	1	07/05/22	07/07/22	
	90.5 %	70-130	07/05/22	07/07/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2228003
ND	50.0	2	07/05/22	07/06/22	
ND	100	2	07/05/22	07/06/22	
	131 %	50-200	07/05/22	07/06/22	
/1		Anal	yst: KL		Batch: 2228005
mg/kg	mg/kg	Allal	yst. KL		Batcii. 2228003
	mg/kg ND ND ND ND ND ND ND ND ND N	Result 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 90.5 % mg/kg mg/kg mg/kg ND 50.0 ND 100	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 91.9 % 70-130 mg/kg mg/kg Anal ND 20.0 1 90.5 % 70-130 70-130 mg/kg mg/kg Anal ND 50.0 2 ND 100 2	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 07/05/22 ND 0.0250 1 07/05/22 ND 0.0250 1 07/05/22 ND 0.0250 1 07/05/22 ND 0.0500 1 07/05/22 ND 0.0250 1 07/05/22 MD 0.0250 1 07/05/22 mg/kg mg/kg Analyst: IY ND 20.0 1 07/05/22 mg/kg mg/kg Analyst: JL ND 50.0 2 07/05/22 ND 50.0 2 07/05/22 ND 100 2 07/05/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 07/05/22 07/07/22 ND 0.0500 1 07/05/22 07/07/22 ND 0.0250 1 07/05/22 07/07/22 ND 0.0250 1 07/05/22 07/07/22 mg/kg mg/kg Analyst: IY ND 20.0 1 07/05/22 07/07/22 mg/kg mg/kg Analyst: JL ND 50.0 2 07/05/22 07/06/22 ND 50.0 2 07/05/22 07/06/22 ND 100 2 07/05/22 07/06/22



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM

S-5 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	07/05/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2228003
Diesel Range Organics (C10-C28)	ND	50.0	2	07/05/22	07/06/22	
Oil Range Organics (C28-C36)	ND	100	2	07/05/22	07/06/22	
Surrogate: n-Nonane		126 %	50-200	07/05/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: KL		Batch: 2228005
Chloride	ND	20.0	1	07/05/22	07/06/22	_



		· ·	
Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM
	Volatile Orga	nies by FPA 8021R	A 1 / IV

Plains TX, 79355-0247		Project Manager	: To	m Bynum					7/7/2022 3:06:10PM
		Volatile C	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 (2228010-BLK1)							Prepared: 0	7/05/22 An	alyzed: 07/07/22
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	7.31		8.00		91.4	70-130			
LCS (2228010-BS1)							Prepared: 0	7/05/22 An	alyzed: 07/07/22
Benzene	5.09	0.0250	5.00		102	70-130			
Ethylbenzene	4.51	0.0250	5.00		90.3	70-130			
Toluene	4.82	0.0250	5.00		96.4	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
o,m-Xylene	9.30	0.0500	10.0		93.0	70-130			
Total Xylenes	14.0	0.0250	15.0		93.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			
LCS Dup (2228010-BSD1)							Prepared: 0	7/05/22 An	alyzed: 07/07/22
Benzene	5.14	0.0250	5.00		103	70-130	0.995	20	
Ethylbenzene	4.56	0.0250	5.00		91.2	70-130	1.04	20	
Toluene	4.87	0.0250	5.00		97.4	70-130	1.11	20	
o-Xylene	4.73	0.0250	5.00		94.5	70-130	1.18	20	
o,m-Xylene	9.40	0.0500	10.0		94.0	70-130	1.04	20	
Total Xylenes	14.1	0.0250	15.0		94.2	70-130	1.08	20	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum				,	7/7/2022 3:06:10PM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N.
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2228010-BLK1)							Prepared: 0	7/05/22 An	alyzed: 07/07/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.1	70-130			
LCS (2228010-BS2)							Prepared: 0	7/05/22 An	alyzed: 07/07/22
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0		90.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130			
LCS Dup (2228010-BSD2)							Prepared: 0	7/05/22 An	alyzed: 07/07/22
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130	6.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/7/2022 3:06:10PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					7/7/2022 3:06:10PM
	Nonha	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 (2228003-BLK1)							Prepared: 0	7/05/22 An	alyzed: 07/05/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.2		50.0		110	50-200			
LCS (2228003-BS1)							Prepared: 0	7/05/22 An	alyzed: 07/05/22
Diesel Range Organics (C10-C28)	553	25.0	500		111	38-132			
Surrogate: n-Nonane	55.3		50.0		111	50-200			
Matrix Spike (2228003-MS1)				Source:	E206232-	09	Prepared: 0	7/05/22 An	alyzed: 07/05/22
Diesel Range Organics (C10-C28)	698	50.0	500	ND	140	38-132			M2
Surrogate: n-Nonane	74.3		50.0		149	50-200			
Matrix Spike Dup (2228003-MSD1)				Source:	E206232-	09	Prepared: 0	7/05/22 An	alyzed: 07/05/22
Diesel Range Organics (C10-C28)	654	50.0	500	ND	131	38-132	6.53	20	
Surrogate: n-Nonane	68.6		50.0		137	50-200			



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		histle Unit 65 H					Reported:
Plains TX, 79355-0247		Project Manager:	To	om Bynum					7/7/2022 3:06:10PM
		Anions l	oy EPA 3	300.0/9056A					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 (2228005-BLK1)							Prepared: 0	7/05/22	Analyzed: 07/06/22
Chloride	ND	20.0							
LCS (2228005-BS1)							Prepared: 0	7/05/22	Analyzed: 07/06/22
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2228005-MS1)				Source: E	206232-0	1	Prepared: 0	7/05/22	Analyzed: 07/06/22
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2228005-MSD1)				Source: E	206232-0	1	Prepared: 0	7/05/22	Analyzed: 07/06/22
Chloride	250	20.0	250	ND	99.9	80-120	0.542	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:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/07/22 15:06

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project	Information
Client:	Pima Enviro

Chain of Custody	Chain	of	Cust	tody
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	1	7
Page	of	4

Received by OCD: 9/20/2024 2:27:23 PM

Client: P	ima Envi	onmen	tal Servi	ces	_ Bill To_				La	ab Us	e Onl	У				TA	Т	EPA P	rogram
Project:	74154	e un	it 65		Attention: Devon Energ	4	Lab	WO#	2	2	1 dol	lumber B-000	,	1D	2D	3D	Standard	CWA	SDWA
	lanager: 5614 N.				Address: City, State, Zip		Eox	CU	N C			is and M					1		RCRA
	e, Zip Ho				Phone:						1	and iv							
Phone: 580-748-1613						8015	315										State		
	om@pim	aoil.cor	n		Pima Project # 157		by 8(by 8(021	09	10	0.00		NM	NM CO UT AZ TX				
Report d	ue by:		No. of		75 /	Lab	/ORO	GRO/DRO by	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0			20 1		X		
Sampled	Sampled	Matrix	Containers	Sample ID		Number	DRO/	GRO	втех	VOC	Meta	Chlo		верос	BGDG			Remarks	
9:00	6/27/2	S		·BG-1										X					
9:05				·B6-2		2								1					
9:10				Sw-1		3													
9:15				sw-2		4													
9:20		1		SW-3		5													
9:25				SW- H		0								1					
9:30				SW-5		7													
9:35				5-11'		8								1					
9:40				5-14	1	9				Ш									
9:45	1	ı		5-21	1	10								1					
	al Instruc		Bi11	TO D	evon Engray - Z	0880	00	10	23										
				ticity of this sample. I may be grounds for le		Alvar	ez				1000	ALC: UNK					eived on ice the day "C on subsequent d		ed or received
Relinquish	ed by: (Sign	ofer	5 b		Received by: (\$1) Murre)	Bate 8	7		13	D	Rece	eived on	ice:		ab U	se Onl I	У		
1	ed by: (Sign.	WINCE	OU Pat	Time	Recorded by: Kignature	Org.	122		:0	0	T1			T2			<u></u>		
Relinquish	ied/by: (Sign	ature)	Date	Time	Received by: (Signature)	Date		Time			AVG	Temp °	c 4						
Sample Ma	trix 8 - Soil, Se	l - Solid, Sg	- Sludge, A -	Aqueous, O - Other _		Containe													
					unless other arrangements are made. Hazardon								the clier	it exp	ense.	The re	eport for the ar	alysis of the	above



Client: P	ma Envi	onment	al Servic	ces	Bill To			Lab Use					se Only			TAT	EPA P	rogram	
Client: Pima Environmental Services Project: THISHE Unit 65H					Attention: Devon Energy			Lab WO#			7 1		lumber	1D	2D	3D S	Standard	CWA	SDWA
Project Manager: 10m Bynum Address:								Ed	060	YOU	X C)/œ	is and Method				X		RCRA
					City, State, Zip Phone:			-			T	inarys	as and iviethod			-		-	NCNA
City, State, Zip Hobbs, NM, 88240 Phone: Phone: 580-748-1613 Email:								8015	15								and a substantial	State	_
	om@pim		n						y 8015	11	0		0.0	Σ			NM CO	UT AZ	TX
eport d	ue by:				Pima Project # 157			RO b	RO b	y 80.	/ 826	601	de 30	NN	×	- 1	X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	вдрос	BGDOC			Remarks	
ampieu			1				Number	0	G	m	>	2	U		an an	-			
9:50	6/27/22	5		5-2 4	, ,		11							X					
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9:55				5-31	· ·			-	_	-	-	-		\vdash		-			
0:00				5-41	1		13							11					
0.00							14							1					
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	la constitution of																		
					100000000000000000000000000000000000000									_		_	_		
								-	-			-		-			+		
Addition	al Instruc	tions:	D-11	100	even Energy — am aware that tampering with a intentional gal action. Sampled by:	70	00,	mp	1	61-	Z								
/field sam	alar) attact to	the validity	15111	icity of this sample. I	am aware that tampering with the itentional	w mislahelling	the sample	olocati	on	0	<u>ر</u>	Samples	s requiring thermal p	reserva	tion mus	be receiv	ed on ice the day	they are samp	oled or receive
late or time	of collection	is considere	d fraud and r	may be grounds for le	gal action. Sampled by:	ucly i	Alua	re?	Z_		ı	packed	in ice at an avg temp	above	0 but les	than 6 °C	on subsequent da	iys.	
Relinquish	ed by: (Signa	iting)	Date	Time	Received by: (Signature)	7000	Date		Time	2:	1			بلر	als Us	e Only			
NE	al Ki	4815	6/6	1:1 25/82	Reclived by: (Signature)	gv II	19 ds	ab	1.	30		Rece	ived on ice:	2	N	e Only			
elinquish	ed by: Signa	Medil o	A /Date	Time	received y: (Signature)		Date	1	Time	-				770	-		770		
14	full.	Mille	Date	-2822 4 Time	Received by: (Signature)		Q/Z9/	W.	8 Time	·U	_	11		12	-		<u>T3</u>		
reimiquish	ed by: (Sign	iture)	Date	rune	v ineceived by, (signature)		- 31.0					AVG	Temp °C 2	4					
	1/						Containe		1										



Printed: 6/30/2022 8:48:48AM

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.

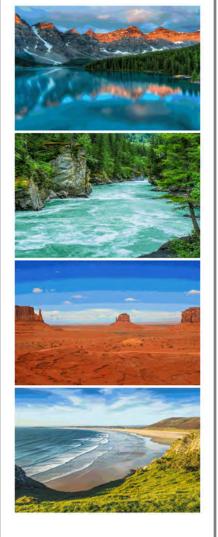
Client:	Pima Environmental Services-Carlsbad	Date Received:	06/29/22	08:00	Work Order ID:	E206232
Phone:	(575) 631-6977	Date Logged In:	06/29/22	10:14	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	07/06/22	17:00 (4 day TAT)		
GL :	10. 11. (000)					
	f Custody (COC)		37			
	the sample ID match the COC? The number of samples per sampling site location mat	ch the COC	Yes			
	samples dropped off by client or carrier?	cii die eoe	Yes	a · a ·		
	ne COC complete, i.e., signatures, dates/times, reques	eted analyses?	Yes Yes	Carrier: Courier		
	all samples received within holding time?	sted analyses:	Yes			
J. Wele	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		105		Comment	s/Resolution
	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was tl	ne sample(s) received intact, i.e., not broken?		No			
10. Were	custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
	he 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 <u>C</u>			
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
15. Are	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers'	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	•					
	e field sample labels filled out with the minimum info	rmation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were pr	eserved?	No			
	sample(s) correctly preserved?		NA			
24. Is lat	o filteration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborator	ry?	No			
	a subcontract laboratory specified by the client and it	•	NA	Subcontract Lab: na		
Client l	nstruction					
<u>enene i</u>	non action					

Date

envirotech Inc.

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: Thistle Unit 65 H

Work Order: E207054

Job Number: 01058-0007

Received: 7/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/18/22

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

Date Reported: 7/18/22

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Thistle Unit 65 H

Workorder: E207054

Date Received: 7/13/2022 10:23:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/13/2022 10:23:00AM, under the Project Name: Thistle Unit 65 H.

The analytical test results summarized in this report with the Project Name: Thistle Unit 65 H 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

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Alexa Michaels

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labadmin@envirotech-inc.com

Field Offices:

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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

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/18/22 16:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-1 1'	E207054-01A	Soil	07/11/22	07/13/22	Glass Jar, 4 oz.
S-1 3'	E207054-02A	Soil	07/11/22	07/13/22	Glass Jar, 4 oz.
S-2 1'	E207054-03A	Soil	07/11/22	07/13/22	Glass Jar, 4 oz.
S-2 3'	E207054-04A	Soil	07/11/22	07/13/22	Glass Jar, 4 oz.
S-3 1'	E207054-05A	Soil	07/11/22	07/13/22	Glass Jar, 4 oz.
S-3 3'	E207054-06A	Soil	07/11/22	07/13/22	Glass Jar, 4 oz.
S-4 1'	E207054-07A	Soil	07/11/22	07/13/22	Glass Jar, 4 oz.
S-4 3'	E207054-08A	Soil	07/11/22	07/13/22	Glass Jar, 4 oz.
S-5 1'	E207054-09A	Soil	07/11/22	07/13/22	Glass Jar, 4 oz.
S-5 3'	E207054-10A	Soil	07/11/22	07/13/22	Glass Jar, 4 oz.



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2022 4:48:35PM

S-1 1' E207054-01

		E207034-01					
	D 1	Reporting	F.''		D 1		
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2229055
Benzene	ND	0.0250	1	1	07/13/22	07/15/22	
Ethylbenzene	ND	0.0250	1	1	07/13/22	07/15/22	
Toluene	ND	0.0250	1	1	07/13/22	07/15/22	
o-Xylene	ND	0.0250	1	1	07/13/22	07/15/22	
p,m-Xylene	ND	0.0500	1	1	07/13/22	07/15/22	
Total Xylenes	ND	0.0250	1	1	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		95.0 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2229055
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		95.0 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: Л	L		Batch: 2229066
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/14/22	07/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	07/14/22	07/15/22	
Surrogate: n-Nonane		105 %	50-200		07/14/22	07/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2229052
Chloride	ND	20.0	1	1	07/13/22	07/15/22	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2022 4:48:35PM

S-1 3' E207054-02

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		1 mary 2ea	Batch: 2229055
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250		1	07/13/22	07/15/22	Batch. 222)033
Ethylbenzene	ND	0.0250		1	07/13/22	07/15/22	
Toluene	ND	0.0250		1	07/13/22	07/15/22	
o-Xylene	ND	0.0250		1	07/13/22	07/15/22	
p,m-Xylene	ND	0.0500		1	07/13/22	07/15/22	
Total Xylenes	ND	0.0250		1	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		96.5 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		93.2 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2229055
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		96.5 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		93.2 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2229066
Diesel Range Organics (C10-C28)	ND	25.0		1	07/14/22	07/15/22	
Oil Range Organics (C28-C36)	ND	50.0		1	07/14/22	07/15/22	
Surrogate: n-Nonane		110 %	50-200	·	07/14/22	07/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2229052
Chloride	ND	20.0		1	07/13/22	07/15/22	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2022 4:48:35PM

S-2 1'

E207054-03						
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2229055
Benzene	ND	0.0250	1	07/13/22	07/15/22	
Ethylbenzene	ND	0.0250	1	07/13/22	07/15/22	
Toluene	ND	0.0250	1	07/13/22	07/15/22	
o-Xylene	ND	0.0250	1	07/13/22	07/15/22	
p,m-Xylene	ND	0.0500	1	07/13/22	07/15/22	
Total Xylenes	ND	0.0250	1	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130	07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	07/13/22	07/15/22	
Surrogate: Toluene-d8		93.5 %	70-130	07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2229055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130	07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	07/13/22	07/15/22	
Surrogate: Toluene-d8		93.5 %	70-130	07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2229066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/22	07/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/22	07/15/22	
Surrogate: n-Nonane		97.9 %	50-200	07/14/22	07/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2229052
Chloride	ND	20.0	1	07/13/22	07/15/22	·



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2022 4:48:35PM

S-2 3' E207054-04

		220,00.01					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Anaryte	Result	Limit	Dill	шиоп	rrepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2229055
Benzene	ND	0.0250		1	07/13/22	07/15/22	
Ethylbenzene	ND	0.0250		1	07/13/22	07/15/22	
Toluene	ND	0.0250		1	07/13/22	07/15/22	
o-Xylene	ND	0.0250		1	07/13/22	07/15/22	
p,m-Xylene	ND	0.0500		1	07/13/22	07/15/22	
Total Xylenes	ND	0.0250		1	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		94.1 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2229055
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		94.1 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2229066
Diesel Range Organics (C10-C28)	ND	25.0		1	07/14/22	07/15/22	
Oil Range Organics (C28-C36)	ND	50.0		1	07/14/22	07/15/22	
Surrogate: n-Nonane		100 %	50-200		07/14/22	07/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2229052
Chloride	ND	20.0		1	07/13/22	07/15/22	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2022 4:48:35PM

S-3 1' E207054-05

		. ,					
		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2229055
Benzene	ND	0.0250	1	07	7/13/22	07/15/22	
Ethylbenzene	ND	0.0250	1	. 07	//13/22	07/15/22	
Toluene	ND	0.0250	1	. 07	//13/22	07/15/22	
o-Xylene	ND	0.0250	1	. 07	//13/22	07/15/22	
p,m-Xylene	ND	0.0500	1	07	//13/22	07/15/22	
Total Xylenes	ND	0.0250	1	. 07	7/13/22	07/15/22	
Surrogate: Bromofluorobenzene		94.8 %	70-130	07	7/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	07	7/13/22	07/15/22	
Surrogate: Toluene-d8		93.5 %	70-130	07	7/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2229055
Gasoline Range Organics (C6-C10)	ND	20.0	1	. 07	7/13/22	07/15/22	
Surrogate: Bromofluorobenzene		94.8 %	70-130	07	7/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	07	7/13/22	07/15/22	
Surrogate: Toluene-d8		93.5 %	70-130	07	7/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2229066
Diesel Range Organics (C10-C28)	ND	25.0	1	07	7/14/22	07/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	. 07	//14/22	07/15/22	
Surrogate: n-Nonane		107 %	50-200	07	7/14/22	07/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS			Batch: 2229052
	ND	20.0			//13/22		



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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S-3 3' E207054-06

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2229055
Benzene	ND	0.0250	1	1	07/13/22	07/15/22	
Ethylbenzene	ND	0.0250	1	1	07/13/22	07/15/22	
Toluene	ND	0.0250	1	1	07/13/22	07/15/22	
o-Xylene	ND	0.0250	1	1	07/13/22	07/15/22	
p,m-Xylene	ND	0.0500	1	1	07/13/22	07/15/22	
Total Xylenes	ND	0.0250	1	1	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		93.4 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		92.2 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2229055
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		93.4 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		92.2 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2229066
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/14/22	07/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	07/14/22	07/15/22	
Surrogate: n-Nonane		136 %	50-200		07/14/22	07/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2229052
Chloride	ND	20.0	1	1	07/13/22	07/15/22	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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S-4 1'

E207054-07

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst:	IY		Batch: 2229055
Benzene	ND	0.0250	1		07/13/22	07/15/22	
Ethylbenzene	ND	0.0250	1		07/13/22	07/15/22	
Toluene	ND	0.0250	1		07/13/22	07/15/22	
o-Xylene	ND	0.0250	1		07/13/22	07/15/22	
p,m-Xylene	ND	0.0500	1		07/13/22	07/15/22	
Total Xylenes	ND	0.0250	1		07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		92.7 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2229055
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		92.7 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	JL		Batch: 2229066
Diesel Range Organics (C10-C28)	ND	25.0	1		07/14/22	07/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1		07/14/22	07/15/22	
Surrogate: n-Nonane		118 %	50-200		07/14/22	07/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	RAS		Batch: 2229052



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2022 4:48:35PM

S-4 3'

]	E 207054-0 8	3

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2229055
Benzene	ND	0.0250		1	07/13/22	07/15/22	
Ethylbenzene	ND	0.0250		1	07/13/22	07/15/22	
Toluene	ND	0.0250		1	07/13/22	07/15/22	
o-Xylene	ND	0.0250		1	07/13/22	07/15/22	
p,m-Xylene	ND	0.0500		1	07/13/22	07/15/22	
Total Xylenes	ND	0.0250		1	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		93.9 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2229055
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		93.9 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Л		Batch: 2229066
Diesel Range Organics (C10-C28)	ND	25.0		1	07/14/22	07/15/22	
Oil Range Organics (C28-C36)	ND	50.0		1	07/14/22	07/15/22	
Surrogate: n-Nonane		111 %	50-200		07/14/22	07/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2229052
		20.0			07/13/22	07/15/22	

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2022 4:48:35PM

S-5 1'

E207054-09	

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: Г	Y		Batch: 2229055
Benzene	ND	0.0250	1		07/13/22	07/15/22	
Ethylbenzene	ND	0.0250	1		07/13/22	07/15/22	
Toluene	ND	0.0250	1		07/13/22	07/15/22	
o-Xylene	ND	0.0250	1		07/13/22	07/15/22	
p,m-Xylene	ND	0.0500	1		07/13/22	07/15/22	
Total Xylenes	ND	0.0250	1		07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		94.9 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		93.6 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2229055
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/13/22	07/15/22	
Surrogate: Bromofluorobenzene		94.9 %	70-130		07/13/22	07/15/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		07/13/22	07/15/22	
Surrogate: Toluene-d8		93.6 %	70-130		07/13/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: J	L		Batch: 2229066
Diesel Range Organics (C10-C28)	ND	25.0	1		07/14/22	07/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1		07/14/22	07/15/22	
Surrogate: n-Nonane		116 %	50-200		07/14/22	07/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: F	RAS		Batch: 2229052
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2022 4:48:35PM

S-5 3' E207054-10

Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2229055
ND	0.0250		1	07/13/22	07/15/22	
ND	0.0250		1	07/13/22	07/15/22	
ND	0.0250		1	07/13/22	07/15/22	
ND	0.0250		1	07/13/22	07/15/22	
ND	0.0500		1	07/13/22	07/15/22	
ND	0.0250		1	07/13/22	07/15/22	
	93.8 %	70-130		07/13/22	07/15/22	
	106 %	70-130		07/13/22	07/15/22	
	92.6 %	70-130		07/13/22	07/15/22	
mg/kg	mg/kg		Analyst:	IY		Batch: 2229055
ND	20.0		1	07/13/22	07/15/22	
	93.8 %	70-130		07/13/22	07/15/22	
	106 %	70-130		07/13/22	07/15/22	
	92.6 %	70-130		07/13/22	07/15/22	
mg/kg	mg/kg		Analyst:	JL		Batch: 2229066
ND	25.0		1	07/14/22	07/15/22	
ND	50.0		1	07/14/22	07/15/22	
	115 %	50-200		07/14/22	07/15/22	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2229052
ND	20.0		1	07/13/22	07/15/22	
	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 93.8 % 106 % 92.6 % mg/kg ND 20.0 93.8 % 106 % 92.6 % mg/kg Mg/kg mg/kg ND 25.0 ND 50.0 115 % mg/kg mg/kg mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 93.8 % 70-130 106 % 70-130 92.6 % 70-130 mg/kg mg/kg ND 20.0 93.8 % 70-130 106 % 70-130 92.6 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 mg/kg mg/kg	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 93.8 % 70-130 92.6 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 93.8 % 70-130 1 93.8 % 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 115 % 50-200 mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 07/13/22 ND 0.0250 1 07/13/22 ND 0.0250 1 07/13/22 ND 0.0250 1 07/13/22 ND 0.0500 1 07/13/22 ND 0.0250 1 07/13/22 ND 0.0250 1 07/13/22 106 % 70-130 07/13/22 92.6 % 70-130 07/13/22 mg/kg mg/kg Analyst: IY ND 20.0 1 07/13/22 93.8 % 70-130 07/13/22 93.8 % 70-130 07/13/22 106 % 70-130 07/13/22 92.6 % 70-130 07/13/22 mg/kg mg/kg Analyst: JL ND 25.0 1 07/14/22 ND 50.0 1 07/14/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 07/13/22 07/15/22 ND 0.0250 1 07/13/22 07/15/22 07/15/22 ND 0.0250 1 07/13/22 07/15/22 ND 0.0250 1 07/13/22 07/15/22 ND 0.0500 1 07/13/22 07/15/22 ND 0.0250 1 07/13/22 07/15/22 ND 0.0250 1 07/13/22 07/15/22 106 % 70-130 07/13/22 07/15/22 92.6 % 70-130 07/13/22 07/15/22 mg/kg mg/kg Analyst: IY ND 20.0 1 07/13/22 07/15/22 106 % 70-130 07/13/22 07/15/22 106 % 70-130 07/13/22 07/15/22 106 % 70-130 07/13/22 07/15/22 10 % 7



Pima Environmental Services-CarlsbadProject Name:Thistle Unit 65 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum7/18/2022 4:48:35PM

Plains TX, 79355-0247		Project Manager		om Bynum				7/1	8/2022 4:48:35PN	
Volatile Organic Compounds by EPA 8260B Analyst: 1Y										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2229055-BLK1)]	Prepared: 0°	7/13/22 Anal	yzed: 07/15/22	
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	0.510		0.500		102	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.547		0.500		109	70-130				
Surrogate: Toluene-d8	0.463		0.500		92.5	70-130				
LCS (2229055-BS1)]	Prepared: 0	7/13/22 Anal	yzed: 07/15/22	
Benzene	2.38	0.0250	2.50		95.4	70-130				
Ethylbenzene	2.42	0.0250	2.50		96.9	70-130				
Toluene	2.38	0.0250	2.50		95.4	70-130				
o-Xylene	2.53	0.0250	2.50		101	70-130				
p,m-Xylene	4.89	0.0500	5.00		97.9	70-130				
Total Xylenes	7.42	0.0250	7.50		99.0	70-130				
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.530		0.500		106	70-130				
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130				
LCS Dup (2229055-BSD1)						1	Prepared: 0	7/13/22 Anal	yzed: 07/15/22	
Benzene	2.26	0.0250	2.50		90.5	70-130	5.21	23		
Ethylbenzene	2.32	0.0250	2.50		92.6	70-130	4.50	27		
Toluene	2.29	0.0250	2.50		91.4	70-130	4.22	24		
o-Xylene	2.42	0.0250	2.50		96.8	70-130	4.51	27		
p,m-Xylene	4.71	0.0500	5.00		94.1	70-130	3.90	27		
Total Xylenes	7.13	0.0250	7.50		95.0	70-130	4.10	27		
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.526		0.500		105	70-130				

0.500

97.9

70-130



Surrogate: Toluene-d8

0.490

Pima Environmental Services-CarlsbadProject Name:Thistle Unit 65 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum7/18/2022 4:48:35PM

Nonhalogenated	Organics by	· EPA 8015D	- GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2229055-BLK1)]	Prepared: 0	7/13/22 Anal	yzed: 07/15/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.547		0.500		109	70-130			
Surrogate: Toluene-d8	0.463		0.500		92.5	70-130			

LCS (2229055-BS2)	Prepared: 07/13/22 Analyzed: 07/15/22					
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	85.8	70-130	
Surrogate: Bromofluorobenzene	0.493		0.500	98.6	70-130	
Surrogate: 1.2-Dichloroethane-d4	0.520		0.500	104	70-130	

Surrogate: 1,2-Dichloroethane-d4	0.520	0.500	104	70-130
Surrogate: Toluene-d8	0.485	0.500	96.9	70-130

Surrogate: Toluene-d8	0.485		0.500	90.9	/0-130			
LCS Dup (2229055-BSD2) Prepared: 07/13/22 Analyzed: 07/15/22								
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0	81.0	70-130	5.79	20	
Surrogate: Bromofluorobenzene	0.492		0.500	98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500	101	70-130			
Surrogate: Toluene-d8	0.486		0.500	97.2	70-130			

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2022 4:48:35PM

Plains 1X, /9355-024/		Project Manage	r: 10	m Bynum					//18/2022 4:48:33PW
	Nonha	logenated Or	ganics by	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 (2229066-BLK1)							Prepared: 0	7/14/22 A	nalyzed: 07/14/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.4		50.0		111	50-200			
LCS (2229066-BS1)							Prepared: 0	7/14/22 A	nalyzed: 07/14/22
Diesel Range Organics (C10-C28)	611	25.0	500		122	38-132			
Surrogate: n-Nonane	61.0		50.0		122	50-200			
Matrix Spike (2229066-MS1)				Source:	E207054-0	03	Prepared: 0	7/14/22 A	nalyzed: 07/15/22
Diesel Range Organics (C10-C28)	567	25.0	500	ND	113	38-132			
Surrogate: n-Nonane	54.8		50.0		110	50-200			
Matrix Spike Dup (2229066-MSD1)				Source:	E207054-	03	Prepared: 0	7/14/22 A	nalyzed: 07/15/22
Diesel Range Organics (C10-C28)	552	25.0	500	ND	110	38-132	2.55	20	
Surrogate: n-Nonane	54.5		50.0		109	50-200			



Pima Environmental Services-Carlsbad		Project Name:		histle Unit 65 I	H				Reported:
PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager:		058-0007 om Bynum					7/18/2022 4:48:35PM
		Anions	by EPA 3	300.0/9056A					Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2229052-BLK1)							Prepared: 0	7/13/22 <i>A</i>	analyzed: 07/15/22
Chloride	ND	20.0							
LCS (2229052-BS1)							Prepared: 0	7/13/22 A	analyzed: 07/15/22
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2229052-MS1)				Source: 1	E207054-0)1	Prepared: 0	7/13/22 A	analyzed: 07/15/22
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2229052-MSD1)				Source: 1	E207054-0)1	Prepared: 0	7/13/22 A	analyzed: 07/15/22
Chloride	253	20.0	250	ND	101	80-120	1.06	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:	Thistle Unit 65 H	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/18/22 16:48

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	L of _	
	-	

Received by OCD: 9/20/2024 2:27:23 PM

Client: P	ima Env	ronmen	tal Servi	ces		Bill To		Plats.	e e e	Li	ab Us	e On	lv		Т			TA [*]	т	EPA P	ogram
Project:	T#iS+	e Un	ut 65	4	Ar .	Attention: Deson Energy		Lab	wo#			Job 1	Vum	per	1	D :	2D	3D	Standard	CWA	SDWA
Project M	lanager:	Iom By	<u>num</u>			Address:		Eδ	<u> </u>	05				F000					X		
Address:	5614 N.	Lovingto	on Hwy.			City, State, Zip		Ľ				Analy	sis an	d Met	hod						RCRA
City, Stat	e, ZID HO	DDS. NA	<i>I</i> I. 88240			Phone:							i			П			W. 18		
Phone: (Email:		8015	213											State	
Email: 1 Report de		laoil.com	<u>n</u>		*****	Pima Project # /<7		9,	9,8	12	8		8	- 1		ž			NM CO	UT AZ	TX
Time			ľ		10.4	Pima Project # 157	1		8	8	y 82(109	e E		- 1	- 1	¥	ŀ			
Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO	GRO/DRO by 8015	ВТЕХ Ьу 8021	VOC by 8260	Metals 6010	Chloride 300.0			8600C	BGDOC		_	Remarks	
8:00	7/11/22	5		5-1	11		1									X					
8:05				5-1	3'		2														
8:10				5-2	/ ¹		3									\prod					
8:15				5-2	3'		4														
8:20				5-3	1'		5														
8:25				5-3	31		Q														
8:30				5-4	1		17														
8:35		\bot		5-4	3'		8														
8:40				5-5	1'		9														
8:45	1	1		3-5	3'	····	10									1					
Addition			311	18	Des	von Enerau - 2080	800103	3_													
date or time	of collection	is considered		icity of this samp nay be grounds f			ing the sample	locatio	on,										elved on ice the day. C on subsequent da		d or received
Relinguista Relinguista	ed by: (Signa MAAA ad by: (Signa	turi) Bende	Date Date	12:22 T	2:45	Received by: (Signature) Repeived by: (Signature)	Date /	20	Time	6	٤.(Fece	Wed	on ice	:	Y E	b Us N	e Only	,		
Relinquishe		MA	Date	-(2)	最 , 1	DV attellation	7/13/2	22	10.	23	3	T1			. I	2_			_ 13		
L						Received by: (Signature)	Date		ime			AVG	Tem	p °C_	4						
				queous, O - Oth			Container	Туре	BC	glas,	p - po	oly/pla	astic,	ag - ar	nber	glass	s, v -	VOA			
Note: Sam	oles are disc	arded 30 d	ays after re	sults are repor	ted unles	s other arrangements are made. Hazardous	samples will	be ret	turned	to cli	ent or	dispos	sed of	at the	client	expe	nse.	The re	port for the ana	lysis of the	above
samples is	applicable o	nry to those	e samples r	eceived by the	laborato	ry with this COC. The liability of the laborator	y is limited to	the a	moun	nt paid	for o	n the r	eport								j

or on the report.

Cenvironter of the analysis of the above or on the report.

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Printed: 7/14/2022 10:50:20AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pima Environmental Services-Carlsbad Date	Received:	07/13/22	10:23	Work Order ID:	E207054
Phone: (575) 631-6977 Date	Logged In:	07/13/22	09:00	Logged In By:	Caitlin Christian
Email: tom@pimaoil.com Due I		07/19/22	17:00 (4 day TAT)		
Chain of Custody (COC)					
1. Does the sample ID match the COC?		Yes			
2. Does the number of samples per sampling site location match the	COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: U	JPS	
4. Was the COC complete, i.e., signatures, dates/times, requested ar	alyses?	Yes	_		
 Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the fice i.e, 15 minute hold time, are not included in this disucssion. 	eld,	Yes		<u>Comme</u>	nts/Resolution
Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT?		Yes		Number of containers	not provided on
•		103		COC.	F
Sample Cooler 7. Was a sample cooler received?		Yes		coc.	
8. If yes, was cooler received in good condition?		Yes			
9. Was the sample(s) received intact, i.e., not broken?					
		Yes			
10. Were custody/security seals present?		No			
11. If yes, were custody/security seals intact?		NA			
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6° Note: Thermal preservation is not required, if samples are received minutes of sampling	ved w/i 15	Yes			
13. If no visible ice, record the temperature. Actual sample temperature.	rature. 4	<u> </u>			
Sample Container		3. T			
14. Are aqueous VOC samples present?		No NA			
15. Are VOC samples collected in VOA Vials?16. Is the head space less than 6-8 mm (pea sized or less)?		NA NA			
17. Was a trip blank (TB) included for VOC analyses?		NA NA			
18. Are non-VOC samples collected in the correct containers?		Yes			
19. Is the appropriate volume/weight or number of sample containers co	llected?	Yes			
Field Label	nected:	103			
20. Were field sample labels filled out with the minimum information	nn.				
Sample ID?)11 .	Yes			
Date/Time Collected?		Yes	ı		
Collectors name?		No			
Sample Preservation					
21. Does the COC or field labels indicate the samples were preserve	ed?	No			
22. Are sample(s) correctly preserved?		NA			
24. Is lab filteration required and/or requested for dissolved metals?		No			
Multiphase Sample Matrix					
26. Does the sample have more than one phase, i.e., multiphase?		No			
27. If yes, does the COC specify which phase(s) is to be analyzed?		NA			
Subcontract Laboratory					
28. Are samples required to get sent to a subcontract laboratory?		No			
	no?	NA	Subcontract Lab	: na	
29. Was a subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the client and if so where the subcontract laboratory specified by the subcontract laboratory specified					

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: Thistle Unit 65 H

Work Order: E304044

Job Number: 01058-0007

Received: 4/11/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/17/23

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: 4/17/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Thistle Unit 65 H

Workorder: E304044

Date Received: 4/11/2023 7:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/11/2023 7:15:00AM, under the Project Name: Thistle Unit 65 H.

The analytical test results summarized in this report with the Project Name: Thistle Unit 65 H 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

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Rayny Hagan

West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	Keporteu:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/17/23 11:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 4'	E304044-01A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S1 - 5'	E304044-02A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S1 - 6'	E304044-03A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S2 - 4'	E304044-04A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S2 - 5'	E304044-05A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S2 - 6'	E304044-06A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S3 - 4'	E304044-07A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S3 - 5'	E304044-08A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S3 - 6'	E304044-09A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S4 - 4'	E304044-10A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S4 - 5'	E304044-11A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S4 - 6'	E304044-12A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S5 - 4'	E304044-13A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S5 - 5'	E304044-14A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
S5 - 6'	E304044-15A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
SW1	E304044-16A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
SW2	E304044-17A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
SW3	E304044-18A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
SW4	E304044-19A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.
BG1	E304044-20A	Soil	04/08/23	04/11/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S1 - 4'

		E304044-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/13/23	
Surrogate: n-Nonane		108 %	50-200	04/11/23	04/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2315037
Chloride	ND	20.0	1	04/11/23	04/12/23	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S1 - 5'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
ND	0.0250	1	04/12/23	04/12/23	
ND	0.0250	1	04/12/23	04/12/23	
ND	0.0250	1	04/12/23	04/12/23	
ND	0.0250	1	04/12/23	04/12/23	
ND	0.0500	1	04/12/23	04/12/23	
ND	0.0250	1	04/12/23	04/12/23	
	94.9 %	70-130	04/12/23	04/12/23	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
ND	20.0	1	04/12/23	04/12/23	
	95.9 %	70-130	04/12/23	04/12/23	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2315051
ND	25.0	1	04/11/23	04/13/23	
ND	50.0	1	04/11/23	04/13/23	
	107 %	50-200	04/11/23	04/13/23	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2315037
	mg/kg ND Mg/kg ND	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 MB/kg 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 20.0250 1 MB/kg mg/kg Anal MD 20.0 1 MB/kg mg/kg Anal ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 04/12/23 ND 0.0250 1 04/12/23 ND 0.0250 1 04/12/23 ND 0.0250 1 04/12/23 ND 0.0500 1 04/12/23 ND 0.0250 1 04/12/23 mg/kg mg/kg Analyst: SL ND 20.0 1 04/12/23 mg/kg mg/kg Analyst: JL ND 25.0 1 04/11/23 ND 25.0 1 04/11/23 ND 50.0 1 04/11/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL V ND 0.0250 1 04/12/23 04/12/23 ND 0.0250 1 04/12/23 04/12/23 ND 0.0250 1 04/12/23 04/12/23 ND 0.0500 1 04/12/23 04/12/23 ND 0.0250 1 04/12/23 04/12/23 ND 0.0250 1 04/12/23 04/12/23 mg/kg mg/kg Analyst: SL ND 04/12/23 ND 20.0 1 04/12/23 04/12/23 mg/kg mg/kg Analyst: SL ND 04/12/23 04/12/23 Mg/kg mg/kg Analyst: JL ND 04/12/23 04/12/23 ND 25.0 1 04/11/23 04/13/23 ND 50.0 1 04/11/23 04/13/23



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S1 - 6'

E304044-03 Reporting Analyte Result Limit Dilution Analyzed Notes Prepared Analyst: SL Batch: 2315025 mg/kg mg/kg Volatile Organics by EPA 8021B 04/12/23 04/12/23 ND 0.0250 Benzene 1 04/12/23 04/12/23 Ethylbenzene ND 0.0250ND 0.02501 04/12/23 04/12/23 Toluene 1 04/12/23 04/12/23 o-Xylene ND 0.02501 04/12/23 04/12/23 ND 0.0500 p,m-Xylene 04/12/23 04/12/23 1 Total Xylenes ND 0.025004/12/23 04/12/23 94.5 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: SL Batch: 2315025 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 04/12/23 04/12/23 ND 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 96.8 % 04/12/23 04/12/23 70-130 mg/kg mg/kg Analyst: JL Batch: 2315051 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 04/11/23 04/13/23 Diesel Range Organics (C10-C28) ND 04/11/23 04/13/23 Oil Range Organics (C28-C36) 50.0 1 04/11/23 04/13/23 Surrogate: n-Nonane 106 % 50-200 Analyst: BA Batch: 2315037 Anions by EPA 300.0/9056A mg/kg mg/kg ND 20.0 1 04/11/23 04/12/23 Chloride



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S2 - 4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/13/23	
Surrogate: n-Nonane		111 %	50-200	04/11/23	04/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2315037
Chloride	ND	20.0	1	04/11/23	04/12/23	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S2 - 5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/13/23	
Surrogate: n-Nonane		111 %	50-200	04/11/23	04/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2315037
Chloride	ND	20.0	1	04/11/23	04/12/23	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S2 - 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		109 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2315037
· · · · · · · · · · · · · · · · · · ·	ND	20.0		04/11/23	04/12/23	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S3 - 4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		109 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2315037
Chloride	ND	20.0	1	04/11/23	04/12/23	•



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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S3 - 5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		109 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2315037
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Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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S3 - 6'

E30	40	44	\mathbf{n}
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		108 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2315037
		·		<u> </u>		



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S4 - 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Anal	Analyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		109 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2315037
Chloride	ND	20.0	1	04/11/23	04/14/23	·



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S4 - 5'

E3	0.40	111	1	1
	v4t	144	- 1	

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Anal	Analyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		109 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2315037



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S4 - 6'

E304044-12						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		103 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2315037
Chloride	ND	20.0	1	04/11/23	04/12/23	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S5 - 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		109 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2315037
Chloride	ND	20.0	1	04/11/23	04/12/23	
Chloride	ND	20.0	1	04/11/23	04/12/23	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S5 - 5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		108 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2315037
	ND	20.0		04/11/23	04/12/23	•



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

S5 - 6'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		107 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2315037
Chloride	ND	20.0		04/11/23	04/12/23	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

SW1

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		108 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2315037
Chloride	ND	20.0	1	04/11/23	04/12/23	•



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

SW2

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		108 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2315037
· · · · · · · · · · · · · · · · · · ·	ND	20.0		04/11/23	04/12/23	·



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

SW3

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		107 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2315037
Chloride	ND	20.0	1	04/11/23	04/12/23	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

SW4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL	·	Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/12/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/12/23	
Toluene	ND	0.0250	1	04/12/23	04/12/23	
o-Xylene	ND	0.0250	1	04/12/23	04/12/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/12/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/12/23	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	04/12/23	04/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	yst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		109 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2315037
Chloride	ND	20.0	1	04/11/23	04/12/23	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

BG1

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2315025
Benzene	ND	0.0250	1	04/12/23	04/13/23	
Ethylbenzene	ND	0.0250	1	04/12/23	04/13/23	
Toluene	ND	0.0250	1	04/12/23	04/13/23	
o-Xylene	ND	0.0250	1	04/12/23	04/13/23	
p,m-Xylene	ND	0.0500	1	04/12/23	04/13/23	
Total Xylenes	ND	0.0250	1	04/12/23	04/13/23	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	04/12/23	04/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2315025
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/23	04/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	04/12/23	04/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2315051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/14/23	
Surrogate: n-Nonane		109 %	50-200	04/11/23	04/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2315037
Chloride	ND	20.0	1	04/11/23	04/12/23	
Chloride	ND		1	04/11/23	04/12/23	



Thistle Unit 65 H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 4/17/2023 11:36:28AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2315025-BLK1) Prepared: 04/11/23 Analyzed: 04/12/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.49 8.00 93.6 70-130 LCS (2315025-BS1) Prepared: 04/11/23 Analyzed: 04/12/23 4.31 86.1 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.29 0.0250 5.00 85.9 70-130 4.41 0.0250 5.00 88.2 70-130 Toluene 87.8 o-Xylene 4.39 0.0250 5.00 70-130 8.76 10.0 87.6 70-130 0.0500 p.m-Xvlene 87.7 70-130 13.1 15.0 Total Xylenes 0.0250 8.00 96.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.74 Matrix Spike (2315025-MS1) Source: E304044-01 Prepared: 04/11/23 Analyzed: 04/12/23 4.76 0.0250 5.00 ND 95.2 54-133 Benzene ND 94.8 61-133 Ethylbenzene 4.74 0.0250 5.00 Toluene 4.88 0.0250 5.00 ND 97.6 61-130 4.83 ND 96.7 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.65 0.0500 10.0 ND 96.5 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.64 8.00 Matrix Spike Dup (2315025-MSD1) Source: E304044-01 Prepared: 04/11/23 Analyzed: 04/12/23 4.46 0.0250 5.00 ND 54-133 6.56 4.45 61-133 6.32 0.0250 5.00 ND 89.0 20 Ethylbenzene 61-130 Toluene 4 57 0.0250 5.00 ND 914 6.55 20 4.53 5.00 ND 90.6 63-131 6.47 20 o-Xylene 0.0250 9.07 10.0 ND 90.7 63-131 6.15 20 p,m-Xylene 0.0500 Total Xylenes 13.6 0.0250 15.0 ND 90.7 63-131 6.26 20

8.00

94.2

70-130



Surrogate: 4-Bromochlorobenzene-PID

7.54

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				4/	17/2023 11:36:28AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2315025-BLK1)							Prepared: 0	4/11/23 Ana	llyzed: 04/12/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			
LCS (2315025-BS2)							Prepared: 0	4/11/23 Ana	lyzed: 04/12/23
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.7	70-130			
Matrix Spike (2315025-MS2)				Source:	E304044-)1	Prepared: 0	4/11/23 Ana	lyzed: 04/12/23
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0	ND	97.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			
Matrix Spike Dup (2315025-MSD2)				Source:	E304044-0	01	Prepared: 0	4/11/23 Ana	lyzed: 04/12/23
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.3	70-130	6.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/17/2023 11:36:28AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				4/1	17/2023 11:36:28Al
	Nonha	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 (2315051-BLK1)							Prepared: 0	4/11/23 Ana	lyzed: 04/13/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	55.1		50.0		110	50-200			
LCS (2315051-BS1)							Prepared: 0	4/11/23 Ana	lyzed: 04/13/23
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132			
urrogate: n-Nonane	51.9		50.0		104	50-200			
Matrix Spike (2315051-MS1)				Source:	E304044-	19	Prepared: 0	4/11/23 Ana	lyzed: 04/13/23
Diesel Range Organics (C10-C28)	276	25.0	250	ND	111	38-132			
urrogate: n-Nonane	54.6		50.0		109	50-200			
Matrix Spike Dup (2315051-MSD1)				Source:	E304044-	19	Prepared: 0	4/11/23 Ana	lyzed: 04/13/23
Diesel Range Organics (C10-C28)	271	25.0	250	ND	109	38-132	1.79	20	
urrogate: n-Nonane	53.2		50.0		106	50-200			



Pima Environmental Services-Carlsbac PO Box 247 Plains TX, 79355-0247	1	Project Name: Project Number: Project Manager:	0	histle Unit 65 I 1058-0007 om Bynum	H				Reported: 4/17/2023 11:36:28AM
,				300.0/9056A					Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2315037-BLK1)							Prepared: 0	4/11/23 A1	nalyzed: 04/12/23
Chloride	ND	20.0							
LCS (2315037-BS1)							Prepared: 0	4/11/23 A1	nalyzed: 04/12/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2315037-MS1)				Source:	E304044-	01	Prepared: 0	4/11/23 Aı	nalyzed: 04/12/23
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2315037-MSD1)				Source:	E304044-	01	Prepared: 0	4/11/23 A1	nalyzed: 04/12/23
Chloride	257	20.0	250	ND	103	80-120	0.106	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:	Thistle Unit 65 H	
l	PO Box 247	Project Number:	01058-0007	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/17/23 11:36

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	у		Page 1 of 2
Client: Pima, Environmental Services Project: Thiste Unit (45)/ Project Manager: Tom Bynum Address: 56 14 N. Lovington Hwy.	Attention: Address: City, State, Zip	1ab WO#	Job Number 01058 · 0007 Analysis and Method	TAT EPA Program D 2D 3D Standard CWA SDWA RCRA
City, State, Zip Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:	Phone: Email: Pima Project #	DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260		State NM CO UT AZ TX X D B
Time Sampled Sampled Matrix No. of Containers Sample ID 8:00 4/8/23 S S/-4	Lab Number	GRO/ BTEX VOCK		Remarks
1:05	2			
8:15 52-4	S H			
8:20 S2-5° 8:25 S2-6°	(5) (6)			
8:30 53-4' 8:35 53-5	1 1			
8:40 53-6	1 9			
Additional lanstructions:	Billingtt:		Samples remides thermal pre-	eservation must be received on ice the day they are sampled or received
I, (field sampler), attest to the validity and authenticity of this sample. I add to or time of collection is considered fraud and may be grounds for leg Relinquished by: (Signature) Date O-23 Time	Reseived by: Signature) Reseived by: Signature) Date	Franco Time 7:15	packed in ice at an avg temp at Received on ice:	Lab Use Only N
Relinquished by: (Signature) Date Time Relinquished by: (Signature) Date Time	Received by: (Signature) Received by: (Signature) Date Date	Time	T1	<u>13</u>
Sample Matrix S - Sol, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported u	Containe Inless other arrangements are made. Hazardous samples wil	ill be returned to client	AVG Temp C: coly/plastic, ag - amber or disposed of at the client	glass, v - VOA t expense. The report for the analysis of the above

EPA Program

TAT

Client: Pima Environmenta	I Service			T	Bill To		Ī		La	b Us	e On	ly				TA			EPA Pr	
Project: Thistle Unit (ZH		- 1	Atter	ation: Devon		lab	WO#			Job I	Numb	er	1D	2D	3D	Sta	ndard	CWA	SDWA
Project Manager: Tom Byn				Addr			FZ	200	H OU	14	010	58.	<u>5000</u>				L	<u>×</u> _		
Address: 56 14 N. Lovington				1 11 11 11	State, Zip		Total				Analy	rsis and	Metho	i						RCRA
City, State, Zip Hobbs, NM			- 1	Phor						·							1 1		<u></u>	
	, 00240		l.				2	<u>س</u>	·				1		1	1			State	
Phone: 580-748-1613			1.	Ema	li:		88	801	١. ١	l				l _			l [NM CO	UT AZ	TX
Email: tom@pimaoil.com				Pim	a Project#		<u>\$</u>	<u>\$</u>	8021	8	용	l g	- 1	ξ	≿		1 1	X		
Report due by:						V***X.55**	4 8	8	<u>a</u>	80	1 96	쁑		၂ ဗွ	ي			2		
Time Date Matrix	No. of Containers	Sample ID				Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by	VOC by 8260	Metals 6010	Chloride 300.0		верос	Верос	<u> </u>			Remarks	
8:50 4/8/23 5	1	54-5	5			11								X						
8.55	Ì	54-1	61			12								}						
		50-	<u> </u>	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		13				-				П						
9:00		J.S. *	1			A P 4" 7 7 7 7 7		-		-		+		11	╁	1	1			
9:05		55 -	<u>5 </u>			14		<u> </u>	<u> </u>	<u> </u>	<u> </u>		_	+	-	-	\vdash			
9:10		55-0	G'			15								\coprod			_			
9:15		SWI				16														
9:20	_	SW2				17	्													
9:00		5W3				18	3							П						
1.20						1 1 1 1 1 1	4-	┼	-	┼-	+-	+-		+	╅╴	+	+	 		
9:30		SW4	<i>'</i>			19		ļ	<u> </u>	1_	_			\coprod	_	-	-	<u> </u>		
9:35 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	BGI	,			20								V	<u></u>	<u> </u>				
Additional lanstructions:					Rillingt:															
I, (field sampler), attest to the validity a	and authenti	icity of this sam	ple. I am	aware th	at tampering with or intentionally mislabe	lling the samp	le <u>lo</u> cat	ion,			Samp	les requi	ing thermal	preser	vation π	ust be	received	on ice the da	y they are sam	pled or received
date or time of collection is considered					Sampled by:	trew	EZ	m	0_		packs	ed in ice a	t an avg ten					n subsequent	uays.	
Relinquished by: (Signature)	Date		ime		Repeived by: (Signature)	Date .		Time				11.5° ×	: : . •	**	Lab L		nly			
Reiniquistieu by: (Signatura)	4-			<i>30</i>	() lives	4.11.	23		:15	2_	Red	eived.	on ice:	() /	N:				
Relinquished by: (Signature)	Date	1	Time	-	Received by: (Signature)	Date		Time	<u> </u>		T1.		<u> </u>	<u>T2</u>	- 	<u> </u>	·	<u>13.</u>		
Relinquished by: (Signature)	Date		Time		Received by: (Signature)	Date		Time			ANT	ä Terr	no°C	4		; ; ;				
						Contain	or Tien		alab	<u></u>	JOPA,	dactic	ag – am	ber ø	lass. v	- VO	A	<u> </u>		
Sample Matrix S - So, Sd - Solid, Sg - Sol	Sludge, A - A	queous, O - Otl	ner			ic completion	il bo co	311120	d to o	lient (or dies	nsed	at the ci	ient e	xpense	. The	e repo	rt for the a	nalysis of th	e above
Note: Samples are discarded 30 da samples is applicable only to those	ys after re	suits are repo	πea unio	ess othe	r arrangements are made. Hazardot this COC The liability of the laborate	nv is limited over in its vac	to the	amou	ınt pai	d for	on the	report					-			
isamples is appliated by only to those	: sampleS f	ereixen nå mi	C 1911/191	with Arm	i dip con the hoping of are hopered	. ,														<u>.</u>

Printed: 4/11/2023 1:27:27PM

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:	04/11/23 (07:15		Work Order ID:	E304044
Phone: (575) 631-6977	Date Logged In:	04/11/23 (08:47		Logged In By:	Caitlin Christian
Email: tom@pimaoil.com	Due Date:	04/17/23	17:00 (4 day TAT)			
Chain of Custody (COC)						
1. Does the sample ID match the COC?		Yes				
2. Does the number of samples per sampling s	site location match the COC	Yes				
3. Were samples dropped off by client or carri	er?	Yes	Carrier: C	ourier		
4. Was the COC complete, i.e., signatures, dat	es/times, requested analyses?	Yes				
5. Were all samples received within holding ti Note: Analysis, such as pH which shou i.e, 15 minute hold time, are not include	ld be conducted in the field,	Yes			<u>Comment</u>	s/Resolution
Sample Turn Around Time (TAT)			Г			
6. Did the COC indicate standard TAT, or Exp	edited TAT?	Yes				
Sample Cooler						
7. Was a sample cooler received?		Yes				
8. If yes, was cooler received in good condition	on?	Yes				
9. Was the sample(s) received intact, i.e., not l	oroken?	Yes				
10. Were custody/security seals present?		No				
11. If yes, were custody/security seals intact?		NA				
12. Was the sample received on ice? If yes, the reco Note: Thermal preservation is not requi minutes of sampling		Yes				
13. If no visible ice, record the temperature.	Actual sample temperature: 4°0	<u>C</u>				
Sample Container						
14. Are aqueous VOC samples present?		No				
15. Are VOC samples collected in VOA Vials	?	NA				
16. Is the head space less than 6-8 mm (pea si	zed or less)?	NA				
17. Was a trip blank (TB) included for VOC a	nalyses?	NA				
18. Are non-VOC samples collected in the con-	rrect containers?	Yes				
19. Is the appropriate volume/weight or number of	of sample containers collected?	Yes				
Field Label						
20. Were field sample labels filled out with the	e minimum information:					
Sample ID?		Yes				
Date/Time Collected?		Yes	•			
Collectors name?		No				
Sample Preservation 21. Does the COC or field labels indicate the	complet were preserved?	No				
22. Are sample(s) correctly preserved?	samples were preserved:					
24. Is lab filteration required and/or requested	for dissolved metals?	NA No				
•	Tor dissorved memis.	110				
Multiphase Sample Matrix	a i a multimbasa?	N.T.				
26. Does the sample have more than one phas	-	No				
27. If yes, does the COC specify which phase	(s) is to be analyzed?	NA				
Subcontract Laboratory						
28. Are samples required to get sent to a subco		No				
29. Was a subcontract laboratory specified by	the client and if so who?	NA	Subcontract Lab	: NA		
Client Instruction						

Date

Report to:
Gio Gomez



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: Thistle Unit 65 H

Work Order: E409043

Job Number: 01058-0007

Received: 9/7/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/9/24

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: 9/9/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Thistle Unit 65 H

Workorder: E409043

Date Received: 9/7/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/7/2024 6:00:00AM, under the Project Name: Thistle Unit 65 H.

The analytical test results summarized in this report with the Project Name: Thistle Unit 65 H 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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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 16:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-4' Composite	E409043-01A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS2-4' Composite	E409043-02A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS3-4' Composite	E409043-03A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS4-4' Composite	E409043-04A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS5-4' Composite	E409043-05A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS6-4' Composite	E409043-06A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS7-4' Composite	E409043-07A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS8-4' Composite	E409043-08A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS9-4' Composite	E409043-09A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS10-4' Composite	E409043-10A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS11-4' Composite	E409043-11A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS12-4' Composite	E409043-12A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS13-4' Composite	E409043-13A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS14-4' Composite	E409043-14A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS15-4' Composite	E409043-15A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS16-4' Composite	E409043-16A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS17-4' Composite	E409043-17A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS18-4' Composite	E409043-18A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS19-4' Composite	E409043-19A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS20-4' Composite	E409043-20A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS1-4' Composite

		Reporting					
Analyte	Result	Limit	Dilut	ion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: BA			Batch: 2436086
Benzene	ND	0.0250	1	09	/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09	/07/24	09/07/24	
Toluene	ND	0.0250	1	09	/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09	/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09	/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09	/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09	0/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	09	0/07/24	09/07/24	
Surrogate: Toluene-d8		103 %	70-130	09	0/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: BA			Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09	/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09)/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	09	0/07/24	09/07/24	
Surrogate: Toluene-d8		103 %	70-130	09	0/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV			Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0	1	09	/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09	/07/24	09/08/24	
Surrogate: n-Nonane		107 %	50-200	09)/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: IY			Batch: 2436087
Chloride	ND	20.0	1	00	/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS2-4' Composite

		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2436086
Benzene	ND	0.0250	1	09	/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09	/07/24	09/07/24	
Toluene	ND	0.0250	1	09	/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09	/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09	/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09	/07/24	09/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09	0/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	09	0/07/24	09/07/24	
Surrogate: Toluene-d8		104 %	70-130	09	0/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA			Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09	/07/24	09/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09)/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	09	0/07/24	09/07/24	
Surrogate: Toluene-d8		104 %	70-130	09	0/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0	1	09	/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09	/07/24	09/08/24	
Surrogate: n-Nonane		85.2 %	50-200	09)/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY			Batch: 2436087
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS3-4' Composite

		2.070.00					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Benzene	ND	0.0250		1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/07/24	
Toluene	ND	0.0250		1	09/07/24	09/07/24	
o-Xylene	ND	0.0250		1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		106 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		106 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		106 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		106 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		82.3 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2436087
Chloride	ND	20.0		1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS4-4' Composite

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: BA	1		Batch: 2436086
Benzene	ND	0.0250	1		09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1		09/07/24	09/07/24	
Toluene	ND	0.0250	1		09/07/24	09/07/24	
o-Xylene	ND	0.0250	1		09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1		09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1		09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: BA	1		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV	7		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0	1		09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/07/24	09/08/24	
Surrogate: n-Nonane		86.1 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2436087
11110119 8 9 12111 0 0 0 10 7 9 0 0 0 1 1							



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS5-4' Composite

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA	L		Batch: 2436086
Benzene	ND	0.0250	1		09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1		09/07/24	09/07/24	
Toluene	ND	0.0250	1		09/07/24	09/07/24	
o-Xylene	ND	0.0250	1		09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1		09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1		09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		100 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		104 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA			Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		100 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		104 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV	7		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0	1		09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/07/24	09/08/24	
Surrogate: n-Nonane		84.4 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2436087
Amons by EPA 500.0/9050A							



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS6-4' Composite

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA	A		Batch: 2436086
Benzene	ND	0.0250	1		09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1		09/07/24	09/07/24	
Toluene	ND	0.0250	1		09/07/24	09/07/24	
o-Xylene	ND	0.0250	1		09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1		09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1		09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		106 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA	A		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		106 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	V		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0	1		09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/07/24	09/08/24	
Surrogate: n-Nonane		82.4 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2436087
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Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS7-4' Composite

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2436086
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130	09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: BA		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130	09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		85.1 %	50-200	09/07/24	09/08/24	
	mg/kg	mg/kg	A	Analyst: IY		Batch: 2436087
Anions by EPA 300.0/9056A	mg/kg	mg ng		,		Batem 2 150007



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS8-4' Composite

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Benzene	ND	0.0250		1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/07/24	
Toluene	ND	0.0250		1	09/07/24	09/07/24	
o-Xylene	ND	0.0250		1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		86.4 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436087
Chloride	ND	20.0		1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS9-4' Composite

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: BA	1		Batch: 2436086
Benzene	ND	0.0250	1		09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1		09/07/24	09/07/24	
Toluene	ND	0.0250	1		09/07/24	09/07/24	
o-Xylene	ND	0.0250	1		09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1		09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1		09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		104 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA	1		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		104 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV	7		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0	1		09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/07/24	09/08/24	
Surrogate: n-Nonane		85.4 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2436087
11110119 8 9 12111 0 0 0 10 7 9 0 0 0 1 1							



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS10-4' Composite

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Benzene	ND	0.0250		1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/07/24	
Toluene	ND	0.0250		1	09/07/24	09/07/24	
o-Xylene	ND	0.0250		1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		87.5 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436087
Chloride	ND	20.0		1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS11-4' Composite

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Benzene	ND	0.0250		1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/07/24	
Toluene	ND	0.0250		1	09/07/24	09/07/24	
o-Xylene	ND	0.0250		1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		90.7 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436087
Chloride	ND	20.0		1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS12-4' Composite

E409043-12 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: BA Batch: 2436086 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 09/07/24 ND 0.0250 09/07/24 Benzene 1 09/07/24 09/07/24 Ethylbenzene ND 0.0250ND 0.0250 09/07/24 09/07/24 Toluene 1 09/07/24 09/07/24 o-Xylene ND 0.025009/07/24 09/07/24 ND 0.0500 p,m-Xylene 09/07/24 09/07/24 1 Total Xylenes ND 0.0250 105 % 09/07/24 09/07/24 Surrogate: Bromofluorobenzene 70-130 09/07/24 Surrogate: 1,2-Dichloroethane-d4 97.4 % 70-130 09/07/24 Surrogate: Toluene-d8 104 % 70-130 09/07/24 09/07/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 2436086 ND 1 09/07/24 09/07/24 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 105 % 09/07/24 09/07/24 70-130 97.4 % 09/07/24 Surrogate: 1,2-Dichloroethane-d4 70-130 09/07/24 Surrogate: Toluene-d8 09/07/24 09/07/24 104 % 70-130 mg/kg Analyst: NV Batch: 2436082 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/08/24 ND 25.0 1 09/07/24 Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) ND 50.0 1 09/07/24 09/08/24 09/08/24 84.4 % 50-200 09/07/24 Surrogate: n-Nonane

mg/kg

20.0

Analyst: IY

09/07/24

09/07/24

1

mg/kg

ND



Batch: 2436087

Anions by EPA 300.0/9056A

Chloride

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS13-4' Composite

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Benzene	ND	0.0250		1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/07/24	
Toluene	ND	0.0250		1	09/07/24	09/07/24	
o-Xylene	ND	0.0250		1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		104 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		104 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		85.6 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2436087
Chloride	ND	20.0		1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS14-4' Composite

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Benzene	ND	0.0250		1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/07/24	
Toluene	ND	0.0250		1	09/07/24	09/07/24	
o-Xylene	ND	0.0250		1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		94.9 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436087
Chloride	ND	20.0		1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS15-4' Composite

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Benzene	ND	0.0250		1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/07/24	
Toluene	ND	0.0250		1	09/07/24	09/07/24	
o-Xylene	ND	0.0250		1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		105 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		90.6 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436087
Chloride	ND	20.0		1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS16-4' Composite

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Benzene	ND	0.0250		1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/07/24	
Toluene	ND	0.0250		1	09/07/24	09/07/24	
o-Xylene	ND	0.0250		1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	·	1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		104 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		104 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		85.5 %	50-200		09/07/24	09/08/24	
1 I TID 1 200 0/00 T ()	ma/lra	mg/kg		Analyst:	: IY		Batch: 2436087
Anions by EPA 300.0/9056A	mg/kg	mg/kg		1 marj se.			



Г	Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
	PO Box 247	Project Number:	01058-0007	Reported:
	Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS17-4' Composite

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: BA			Batch: 2436086
Benzene	ND	0.0250	1		09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1		09/07/24	09/07/24	
Toluene	ND	0.0250	1		09/07/24	09/07/24	
o-Xylene	ND	0.0250	1		09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1		09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1		09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		106 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: BA	•		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		106 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV	·		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0	1		09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/07/24	09/08/24	
Surrogate: n-Nonane		81.5 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2436087
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Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS18-4' Composite

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Benzene	ND	0.0250		1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/07/24	
Toluene	ND	0.0250		1	09/07/24	09/07/24	
o-Xylene	ND	0.0250		1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		106 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/07/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/07/24	09/07/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/07/24	09/07/24	
Surrogate: Toluene-d8		106 %	70-130		09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		83.7 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2436087
Chloride	ND	20.0		1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS19-4' Composite

E409043-19								
		Reporting						
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086	
Benzene	ND	0.0250		1	09/07/24	09/08/24		
Ethylbenzene	ND	0.0250		1	09/07/24	09/08/24		
Toluene	ND	0.0250		1	09/07/24	09/08/24		
o-Xylene	ND	0.0250		1	09/07/24	09/08/24		
p,m-Xylene	ND	0.0500		1	09/07/24	09/08/24		
Total Xylenes	ND	0.0250		1	09/07/24	09/08/24		
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/08/24		
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		09/07/24	09/08/24		
Surrogate: Toluene-d8		110 %	70-130		09/07/24	09/08/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086	
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/08/24		
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/08/24		
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		09/07/24	09/08/24		
Surrogate: Toluene-d8		110 %	70-130		09/07/24	09/08/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436082	
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24		
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24		
Surrogate: n-Nonane		86.3 %	50-200		09/07/24	09/08/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436087	

20.0

09/07/24

09/07/24

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

CS20-4' Composite

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Benzene	ND	0.0250		1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/08/24	
Toluene	ND	0.0250		1	09/07/24	09/08/24	
o-Xylene	ND	0.0250		1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		110 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436086
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		110 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436082
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		89.5 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436087
Chloride	ND	20.0		1	09/07/24	09/07/24	



QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Thistle Unit 65 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez9/9/2024 4:53:30PM

Plains TX, 79355-0247		Project Manager:	Gi	io Gomez				9/	9/2024 4:53:30PM
	V	olatile Organi	c Compo	unds by EI	PA 82601	В			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436086-BLK1)						I	Prepared: 0	9/07/24 Anal	yzed: 09/07/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			
LCS (2436086-BS1)						I	Prepared: 0	9/07/24 Anal	yzed: 09/07/24
Benzene	2.63	0.0250	2.50		105	70-130			
Ethylbenzene	2.50	0.0250	2.50		100	70-130			
Toluene	2.56	0.0250	2.50		103	70-130			
o-Xylene	2.39	0.0250	2.50		95.8	70-130			
p,m-Xylene	4.79	0.0500	5.00		95.9	70-130			
Total Xylenes	7.19	0.0250	7.50		95.8	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			
LCS Dup (2436086-BSD1)						I	Prepared: 0	9/07/24 Anal	yzed: 09/07/24
Benzene	2.51	0.0250	2.50		100	70-130	4.55	23	
Ethylbenzene	2.36	0.0250	2.50		94.6	70-130	5.69	27	
Toluene	2.42	0.0250	2.50		96.8	70-130	5.80	24	
o-Xylene	2.28	0.0250	2.50		91.3	70-130	4.75	27	
p,m-Xylene	4.60	0.0500	5.00		91.9	70-130	4.22	27	
Total Xylenes	6.88	0.0250	7.50		91.7	70-130	4.39	27	
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			

0.500

0.500

101

70-130

70-130



Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.505

0.513

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Thistle Unit 65 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez9/9/2024 4:53:30PM

Nonhalogenated Organic	S DV EPA	. 8015D -	GRO
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Anal	x 701	٠.	D
Allal	VS	ı.	\mathbf{D}_{I}

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

Blank (2436086-BLK1)						Prepared: 09	/07/24 Analyzed: 09/	07/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.514		0.500	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500	96.3	70-130			
Surrogate: Toluene-d8	0.530		0.500	106	70-130			
LCS (2436086-BS2)						Prepared: 09	0/07/24 Analyzed: 09/	07/24
Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	101	70-130			
Surrogate: Bromofluorobenzene	0.529		0.500	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500	102	70-130			
Surrogate: Toluene-d8	0.531		0.500	106	70-130			
LCS Dup (2436086-BSD2)						Prepared: 09	0/07/24 Analyzed: 09/	07/24
Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	100	70-130	0.588	20	
Surrogate: Bromofluorobenzene	0.526		0.500	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500	98.2	70-130			
Surrogate: Toluene-d8	0.531		0.500	106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:53:30PM

Plains 1X, /9353-024/		Project Manage	r: Gi	o Gomez					9/9/2024 4:33:30PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436082-BLK1)							Prepared: 0	9/07/24 A	nalyzed: 09/07/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.1		50.0		84.2	50-200			
LCS (2436082-BS1)							Prepared: 0	9/07/24 A	nalyzed: 09/07/24
Diesel Range Organics (C10-C28)	205	25.0	250		82.1	38-132			
Surrogate: n-Nonane	43.6		50.0		87.1	50-200			
LCS Dup (2436082-BSD1)							Prepared: 0	9/07/24 A	nalyzed: 09/07/24
Diesel Range Organics (C10-C28)	197	25.0	250		78.8	38-132	4.10	20	
Surrogate: n-Nonane	41.2		50.0		82.3	50-200			

LCS Dup (2436087-BSD1)

Chloride

Prepared: 09/07/24 Analyzed: 09/07/24

20

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	histle Unit 65 1058-0007 io Gomez	H				Reported: 9/9/2024 4:53:30PM
		Anions l	by EPA	300.0/9056 <i>A</i>	1				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 (2436087-BLK1)							Prepared: 0	9/07/24 A	nalyzed: 09/07/24
Chloride	ND	20.0							
LCS (2436087-BS1)							Prepared: 0	9/07/24 A	nalyzed: 09/07/24
Chloride	252	20.0	250		101	90-110			

250

20.0

101

90-110

0.435

253

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:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 16:53

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Project Information

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	/11/2024 2:33:40 F	200

Chain of Custody

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Page	of	10

Client: Pi	ma Envi	ronmen	tal Servi	ces		⊕ Bill To				Le	ab Us	e Or	ily		X		TA	ıT	EPA P	rogram
Project: Project M	丁トッラナ	He Un	1 #	65 H	Nen I	Attention: Devon	Jak.	Lab	WO#	Service and Assess		Job	Numb	er	1D	2D	3D	Standard	CWA	SDWA
Address:						Address: City, State, Zip	1001						01028-1							
City, State						Phone:		E41	0900	13		Analy	sis an	d Metho	od	_				RCRA
Phone: 8			II. OOZT			Email:														
Email: g			1	***************************************		The second secon		801	8015								1 1	NAAL CO.	State	TV
Report du						Pima Project # -157		O by	O by	8021	3260	010	300.0		ΣŽ	×		NM CO	UI AZ	IX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC		7-1	Remarks	
10:11	915	5		CSI	-4'										X	-				-
10:23				CSZ	-4		2								1					
10:29					-4		3													
10:33				CS4	-4		4													
10:39				CS5 -	4'		5													
10:46				CS6 -	4.		6													
10;53	\perp			CS7 -	4'		7													
11:07				CS8 -1	4,		8													
11:17	1			C29 -1	4'		9													
11:23]	1		C210-	4		No.													
Additiona						Billing#2114	7650													
date or time o	f collection is	s considered	and authent I fraud and r	icity of this sample. may be grounds for le	l am aw egal acti	are that tampering with or intentionally mislabe	ling the sample	locatio	on,			Sample packed	es requiri I in ice at	ng thermal an avg ten	preserva np above	otion me Obut le	ist be rec ess than 6	eived on ice the day t °C on subsequent day	ney are sampl	ed or received
Relinquished by: (Signature) Date 1624 Time 100 Received by: (Signature)							Date 9-4	24	Time	100	0	Rece	eived	on ice:		ab U	se On	ly		
Relinquished	elle G	1 conser		424 Time	e30	Received by: (Signature)	Date - E	5-2	Free	6-	48	T1			T2			T3		
Relinquished	by: (Signat	ture)	9/6	124 Time	35	Beceived by: (Signature)	Date 9 7	щ	Time	00		AVG	Tem	ı°C	4	1				
Sample Matrix	: S - Soil, Sd	- Solid, Sg - S	Sludge, A - A	queous, O - Other		-	Container	Type	: p - p	lass.	p - po	lv/nl	astic a	g - ami	er gla	55. V -	VOA			
Note: Sample	es are disca	rded 30 da	ays after re	sults are reported	unless	other arrangements are made. Hazardous	samples will	be ret	urned	to clie	ent or	dispo	sed of	at the cli	ent exp	ense.	There	eport for the anal	vsis of the	above
samples is ap	plicable on	ly to those	samples re	eceived by the lab	oratory	with this COC The liability of the laborator	v is limited to	thos	maun	hien t	for				-					4.429



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Project Information

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	1 04:CC:7 4707/11/	
	/11/2024 2:33:40 PM	1
	1 04:CC:7 4707/11/	1
	/11/2024 2:33:40 PM	1

Chain of Custody

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Page	C of	10

Client: P	ima	Envi	ronmer	ntal Servi	ces	and a	Attention: De VON			J.	La	b Us	ie Or	ily			_	TA	AT	FPA P	rogram
				#65	H				Lab	WOH		7	Job	Numb	er	1D	2D		Standard	CWA	SDWA
Project N				mez ton Hwy.			Address:		E	1091	043		DECEMBER 1	SURES AND ADDRESS.	- 0007						
				<u>юн нwy.</u> М. 88240			City, State, Zip Phone:						Analy	sis an	d Metho	d ´					RCRA
Phone: 8				WI. 0024U						-											
Email:				n			Email:		015	015								1 1		State	
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Sampled	Sam	pled	Matrix	Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос			Remarks	
11:31	9/	5	3		CSI	\ -	4'	W								X					
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11:47					C213	3-1	4'	13								11					
11:56					C514	-1	('	14								$\dagger \dagger$					
12:06					CSIS	, -L	1'	12								1					
12:21					CS16	_ U	B.	16													
12:27					CSIT	-4'		17													
12:35					CS18	-4'		18								H					
12:42					CS19.	-4'		19								П					
12:56			,		CSSO	-4'		D								1					
Addition						(Billing # 2114														
l, (field samp date or time	of coll	test to ection i	the validity s considere	y and authenticed fraud and m	city of this samp ay be grounds fo	e. I am av or legal ac			locatio	on,			Sample packed	s requiri in ice at	ng thermal an avg tem	preserva p above	tion mu O but le	ust be rece	eived on ice the day the	iey are sample	ed or received
	We	10	tarne	Date	424 1	40	Received by: (Signature)	9-6-2	14	Time 4	100		Rece	havid	on ice:		ab U	se Onl	Y	New Y	
Relinquishe	rella	G	onza	les 9-	624	1630		7-6-	-24	Time	64	. 6	T1		on ice.	T2	<i>)</i> '\		T3		
Relinquishe	d by:	(Signa	ture)	Date	674	23.	Received by: (Signature)	Date	hu	Time	02		AVG	Tem	o°c	1					
					ueous, O - Othe			Container	Type	: 2 - 0	lass. r	1 - nc	lu/nl	actic :	ar amb	or ala	cc V -	VOA	The state of the state of		
Note: Samp	les ar	e disca	orded 30 c	lays after res	ults are report	ed unles	s other arrangements are made. Hazardous	samples will	he reti	irned	to clip	nt or	diena	end of	at the clie	nt evn	ense	There	anort for the ac-1	ucic of the	have
samples is a	applic	able or	nly to thos	se samples re	ceived by the	aborator	ry with this COC. The liability of the laborator	y is limited to	the ar	mount	t paid t	for or	the r	eport.	the cite	cxp	CIIDG.	mere	port for the analy	is or the a	ove



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Printed: 9/9/2024 10:25:48AM

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:		Date Received:	09/07/24		Work Order ID:	E409043
Phone:		Date Logged In:	09/07/24		Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	09/09/24	17:00 (0 day TAT)		
Chain of	f Custody (COC)					
	the sample ID match the COC?		Yes			
	the number of samples per sampling site location mate	th the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was th	ne COC complete, i.e., signatures, dates/times, request	ed analyses?	No			
5. Were a	all samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion				Commer	nts/Resolution
Sample '	Turn Around Time (TAT)			ĺ		
	e COC indicate standard TAT, or Expedited TAT?		Yes		Project: Thistle Unit #6	65H split between
Sample (<u>Cooler</u>				E409043 through E409	9047. Number of
7. Was a	sample cooler received?		Yes		containers and sampled	1 by not marked on
8. If yes,	was cooler received in good condition?		Yes	l	COC by client.	y 3.00 3.101134 011
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes	l	COC by chent.	
10. Were	custody/security seals present?		No	l		
11. If yes	s, were custody/security seals intact?		NA	l		
	he sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes			
	visible ice, record the temperature. Actual sample t	emperature: 4°	<u> </u>	l		
	Container 1 2 2					
	aqueous VOC samples present?		No NA			
	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?		NA NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample containers:	ers collected?	Yes			
Field La		ons concercu.	105			
20. Were	efield sample labels filled out with the minimum infor Sample ID?	mation:	Yes			
	Date/Time Collected?		Yes	ı		
(Collectors name?		No			
	Preservation					
	the COC or field labels indicate the samples were pre	eserved?	No			
	sample(s) correctly preserved?	. 1.0	NA			
	o filteration required and/or requested for dissolved me	etais?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphase		No			
27. If yes	s, does the COC specify which phase(s) is to be analyze	zed?	NA			
	ract Laboratory					
	samples required to get sent to a subcontract laboratory		No			
29. Was a	a subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: NA	
Client I	nstruction					
<u>~:</u>		*,*			D :	- envirotech Ind
Signa	ture of client authorizing changes to the COC or sample dispe	osition.			Date	EUAHORECH INC

Project Information

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City, Stat								06000	hone:				07	-100	43		Attaly	SIS al	u wet	100	1	1		-			RCRA
Phone:								E	mail:				15	15											BEAUTICAL STREET	State	
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Time Sampled	Sample	- 1	Mati		No. of Containers	Sample ID						Lab Number	DRO/ORO	GRO/DRO	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		0	BGDG	BGDOC				Remark	s
10:11	915)	5			CS	1 -1	4'	Cor	nposite		1)	(Samp	le Ma	nes
10:23	1					CST	1-	4'				2															वीवीय
10:29			1			CS2	7 -	4'				3															
10:33						CS4		4.				4															
10:39						CS5	-1	1'				5															
10:46						CS6	-11	1,				10															
10:53						CST	-4	,				7															
11:07						CS8	-4	,				8															
11:17						CS9	-4					9															
11:23			1			CSIO	-4	1				10															
Addition									Bi		2114-																
date or time	of collec	tion is	consi			city of this samp nay be grounds				ng with or intent Sampled by:	tionally mislabelli	ng the sample	locatio	on,											on ice the day i subsequent da		oled or received
Relinguish	imp	Ho	am	e	Date	16/24	me (00	Pegeived	by Signature	lagales	Date 9-6	24	Time	100		Rec	eived	on ice	: /	22/400	Us N	e On	ly			
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						queous, O - Oth			- FONT		U	Container	Туре	: g - g	lass.	p - p	oly/p	astic.	ag - an	nber e	lass	. V - 1	VOA	-	- interest		
Note: Sam	ples are	disca	rded	30 day	ys after res	ults are repor	ted un	less of	ther arrangen	nents are mad	e. Hazardous :	samples will	be ret	urned	to clie	ent or	dispo	sed of	at the c	client e	xpe	nse.	Ther	eport	for the ana	lysis of the	above
samples is	applicat	ole or	ly to	hose	samples re	eceived by the	labora	atory v	with this COC.	The liability o	f the laboratory	is limited to	the a	moun	t paid	for or	the !	report									



Project Information

Client: Pima Environmental Services

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

EPA Program

TAT

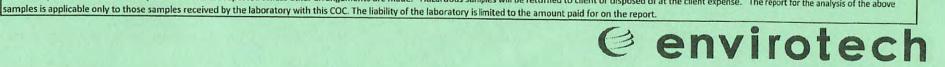
Received by OCD: 9/20/2024 2:27:23 PM

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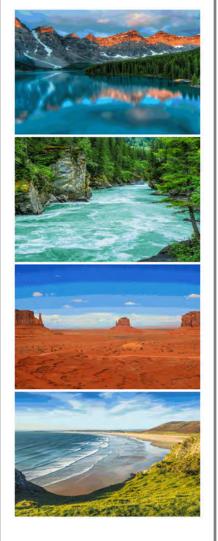
Lab Use Only

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



Report to:
Gio Gomez



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: Thistle Unit 65 H

Work Order: E409044

Job Number: 01058-0007

Received: 9/7/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/9/24

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: 9/9/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Thistle Unit 65 H

Workorder: E409044

Date Received: 9/7/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/7/2024 6:00:00AM, under the Project Name: Thistle Unit 65 H.

The analytical test results summarized in this report with the Project Name: Thistle Unit 65 H 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

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

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

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 16:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21-4' Composite	E409044-01A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS22-4' Composite	E409044-02A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS23-4' Composite	E409044-03A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS24-4' Composite	E409044-04A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS25-4' Composite	E409044-05A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS26-4' Composite	E409044-06A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS27-4' Composite	E409044-07A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS28-4' Composite	E409044-08A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS29-4' Composite	E409044-09A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS30-4' Composite	E409044-10A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS31-4' Composite	E409044-11A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS32-4' Composite	E409044-12A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS33-4' Composite	E409044-13A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS34-4' Composite	E409044-14A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS35-4' Composite	E409044-15A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS36-4' Composite	E409044-16A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS37-4' Composite	E409044-17A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS38-4' Composite	E409044-18A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS39-4' Composite	E409044-19A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS40-4' Composite	E409044-20A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS21-4' Composite

		12407044-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		102 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2436095
Chloride	ND	20.0	1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS22-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		93.7 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2436095
Chloride	ND	20.0	1	09/07/24	09/07/24	
Chloride	ND	20.0	1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS23-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		94.6 %	50-200	09/07/24	09/08/24	
1 I TD1 200 0/00#C1	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2436095
Anions by EPA 300.0/9056A	1116/116	88				



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS24-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		98.3 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2436095
Amons by ETA 500:0/7050A						



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS25-4' Composite

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: CG		Batch: 2436088
ND	0.0250	1	09/07/24	09/07/24	
ND	0.0250	1	09/07/24	09/07/24	
ND	0.0250	1	09/07/24	09/07/24	
ND	0.0250	1	09/07/24	09/07/24	
ND	0.0500	1	09/07/24	09/07/24	
ND	0.0250	1	09/07/24	09/07/24	
	91.1 %	70-130	09/07/24	09/07/24	
mg/kg	mg/kg	Anal	yst: CG		Batch: 2436088
ND	20.0	1	09/07/24	09/07/24	
	92.1 %	70-130	09/07/24	09/07/24	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2436081
ND	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
	95.9 %	50-200	09/07/24	09/08/24	
	/1	Anal	yst: IY		Batch: 2436095
mg/kg	mg/kg	Allal	yst. 11		Batch: 2430093
	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 91.1 % mg/kg mg/kg ND 20.0 92.1 % 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 91.1% 70-130 mg/kg mg/kg Anal ND 20.0 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: CG ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: CG ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: AF ND 25.0 1 09/07/24 ND 25.0 1 09/07/24 ND 50.0 1 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG Analyst: CG ND 0.0250 1 09/07/24 09/07/24 ND 0.0250 1 09/07/24 09/07/24 ND 0.0250 1 09/07/24 09/07/24 ND 0.0500 1 09/07/24 09/07/24 ND 0.0250 1 09/07/24 09/07/24 ND 0.0250 1 09/07/24 09/07/24 mg/kg mg/kg Analyst: CG ND 20.0 1 09/07/24 09/07/24 mg/kg mg/kg Analyst: CG 09/07/24 09/07/24 mg/kg mg/kg Analyst: AF ND 25.0 1 09/07/24 09/08/24 ND 25.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/24 09/08/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS26-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		93.4 %	50-200	09/07/24	09/08/24	
	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2436095
Anions by EPA 300.0/9056A	mg/kg	mg/kg	- 1110	, 50. 11		Batem 2 100070



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS27-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		96.3 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2436095



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS28-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		99.5 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2436095
Chloride	ND	20.0	1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS29-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		95.6 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2436095
Chloride	ND	20.0	1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS30-4' Composite

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: CG		Batch: 2436088
ND	0.0250	1	09/07/24	09/07/24	
ND	0.0250	1	09/07/24	09/07/24	
ND	0.0250	1	09/07/24	09/07/24	
ND	0.0250	1	09/07/24	09/07/24	
ND	0.0500	1	09/07/24	09/07/24	
ND	0.0250	1	09/07/24	09/07/24	
	91.6 %	70-130	09/07/24	09/07/24	
mg/kg	mg/kg	Anal	yst: CG		Batch: 2436088
ND	20.0	1	09/07/24	09/07/24	
	92.4 %	70-130	09/07/24	09/07/24	
mø/kø	mg/kg	Anal	vst: AF		Batch: 2436081
	g.ng		,		Battern 2 100001
ND	25.0	1	09/07/24	09/08/24	<u> </u>
		1 1	-	09/08/24 09/08/24	2100001
ND	25.0	1 1 50-200	09/07/24		2.0001
ND	25.0 50.0	1 1 50-200	09/07/24 09/07/24	09/08/24	Batch: 2436095
	mg/kg ND ND ND ND ND ND ND MD ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 92.4 %	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 91.6% 70-130 mg/kg mg/kg Anal ND 20.0 1 92.4% 70-130	Result Limit Dilution Prepared mg/kg mg/kg Analyst: CG ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg 70-130 09/07/24 mg/kg mg/kg Analyst: CG ND 20.0 1 09/07/24 92.4 % 70-130 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 09/07/24 09/07/24 ND 0.0500 1 09/07/24 09/07/24 ND 0.0250 1 09/07/24 09/07/24 mg/kg mg/kg Analyst: CG ND 20.0 1 09/07/24 09/07/24 92.4 % 70-130 09/07/24 09/07/24 09/07/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS31-4' Composite

Notes Batch: 2436088
Batch: 2436088
Batch: 2436088
Batch: 2436081
Batch: 2436095
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Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS32-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/08/24	
Toluene	ND	0.0250	1	09/07/24	09/08/24	
o-Xylene	ND	0.0250	1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/08/24	
Surrogate: 4-Bromochlorobenzene-PID		91.6 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6%	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		93.3 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2436095
Chloride	ND	20.0	1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS33-4' Composite

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/08/24	
Toluene	ND	0.0250	1	09/07/24	09/08/24	
o-Xylene	ND	0.0250	1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/08/24	
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		94.0 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2436095
Chloride	ND	20.0	1	09/07/24	09/07/24	
Chloride	ND	20.0	1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS34-4' Composite

Reporting Limit	Dilution	Prepared	Analyzed	Notes
g mg/kg	Analys	t: CG		Batch: 2436088
0.0250	1	09/07/24	09/08/24	
0.0250	1	09/07/24	09/08/24	
0.0250	1	09/07/24	09/08/24	
0.0250	1	09/07/24	09/08/24	
0.0500	1	09/07/24	09/08/24	
0.0250	1	09/07/24	09/08/24	
91.1 %	70-130	09/07/24	09/08/24	
g mg/kg	Analys	Analyst: CG		Batch: 2436088
20.0	1	09/07/24	09/08/24	
92.6 %	70-130	09/07/24	09/08/24	
g mg/kg	Analys	t: AF		Batch: 2436081
25.0	1	09/07/24	09/08/24	
50.0	1	09/07/24	09/08/24	
96.5 %	50-200	09/07/24	09/08/24	
g mg/kg	Analys	t: IY		Batch: 2436095
	0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 91.1 % mg/kg 20.0 92.6 % mg/kg 25.0 50.0	0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0250 1 91.1 % 70-130 mg/kg Analyst 20.0 1 92.6 % 70-130 mg/kg Analyst 25.0 1 50.0 1	0.0250 1 09/07/24 0.0250 1 09/07/24 0.0250 1 09/07/24 0.0250 1 09/07/24 0.0250 1 09/07/24 0.0500 1 09/07/24 0.0250 1 09/07/24 0.0250 1 09/07/24 91.1 % 70-130 09/07/24 mg/kg Analyst: CG 20.0 1 09/07/24 mg/kg Analyst: AF 25.0 1 09/07/24 50.0 1 09/07/24	0.0250 1 09/07/24 09/08/24 0.0250 1 09/07/24 09/08/24 0.0250 1 09/07/24 09/08/24 0.0250 1 09/07/24 09/08/24 0.0250 1 09/07/24 09/08/24 0.0500 1 09/07/24 09/08/24 0.0250 1 09/07/24 09/08/24 0.0250 1 09/07/24 09/08/24 91.1 % 70-130 09/07/24 09/08/24 mg/kg Analyst: CG 20.0 1 09/07/24 09/08/24 92.6 % 70-130 09/07/24 09/08/24 mg/kg Analyst: AF 25.0 1 09/07/24 09/08/24 50.0 1 09/07/24 09/08/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS35-4' Composite

esult	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
						110105
g/kg	mg/kg		Analyst:	CG		Batch: 2436088
ND	0.0250		1	09/07/24	09/08/24	
ND	0.0250		1	09/07/24	09/08/24	
ND	0.0250		1	09/07/24	09/08/24	
ND	0.0250		1	09/07/24	09/08/24	
ND	0.0500		1	09/07/24	09/08/24	
ND	0.0250		1	09/07/24	09/08/24	
	90.1 %	70-130		09/07/24	09/08/24	
g/kg	mg/kg		Analyst: CG		Batch: 2436088	
ND	20.0		1	09/07/24	09/08/24	
	92.4 %	70-130		09/07/24	09/08/24	
g/kg	mg/kg	Analyst: AF		AF		Batch: 2436081
ND	25.0		1	09/07/24	09/08/24	
ND	50.0		1	09/07/24	09/08/24	
	96.0 %	50-200		09/07/24	09/08/24	
g/kg	mg/kg		Analyst:	IY		Batch: 2436095
	ID I	NID	ND	No. No.	No. No.	No. No.



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS36-4' Composite

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: CG		Batch: 2436088
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0500	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
	89.6 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Ana	Analyst: CG		Batch: 2436088
ND	20.0	1	09/07/24	09/08/24	
	91.2 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Ana	alyst: AF		Batch: 2436081
ND	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
	92.8 %	50-200	09/07/24	09/08/24	
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2436095
ND	20.0	1	09/07/24	09/07/24	
	mg/kg ND ND ND ND ND ND ND ND 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 89.6 % mg/kg mg/kg mg/kg ND 20.0 91.2 % mg/kg ND 25.0 ND 50.0 92.8 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg And 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 And MB/kg mg/kg And ND 20.0 1 MB/kg mg/kg And ND 25.0 1 ND 50.0 1 92.8 % 50-200 mg/kg mg/kg And	Result Limit Dilution Prepared mg/kg mg/kg Analyst: CG ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: CG ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: AF ND 25.0 1 09/07/24 ND 25.0 1 09/07/24 ND 50.0 1 09/07/24 ND 50.0 1 09/07/24 ND 50.0 0 09/07/24 ND 50.0 0 09/07/24 ND 50.0 0 09/07/24 ND 50.0 0 09/07/24 ND	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 09/07/24 09/08/24 ND 0.0500 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: CG 09/07/24 09/08/24 MD 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: CG 09/07/24 09/08/24 MD 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: AF ND 25.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS37-4' Composite

	Renortina				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: CG		Batch: 2436088
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0500	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
	90.9 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Anal	Analyst: CG		Batch: 2436088
ND	20.0	1	09/07/24	09/08/24	
	92.5 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2436081
ND	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
	92.3 %	50-200	09/07/24	09/08/24	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2436095
	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 mD 0.0250 mg/kg mg/kg MD 20.0 92.5 % 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 20.0250 1 MB/kg mg/kg Anal ND 20.0 1 Mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: CG ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: CG ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: AF ND 25.0 1 09/07/24 ND 25.0 1 09/07/24 ND 50.0 1 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG Analyst: CG ND 0.0250 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 ND 0.0500 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: CG ND 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: CG 09/07/24 09/08/24 mg/kg mg/kg Analyst: AF 09/08/24 ND 25.0 1 09/07/24 09/08/24 ND 25.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/24 09/08/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS38-4' Composite

Batch: 2436088 24 24 24 24
Batch: 2436088
24 24 24
24 24 24
24
24
<u>!</u> 4
24
24
Batch: 2436088
24
24
Batch: 2436081
24
24
24
Batch: 2436095
/2



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS39-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/08/24	
Toluene	ND	0.0250	1	09/07/24	09/08/24	
o-Xylene	ND	0.0250	1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/08/24	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		94.4 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2436095
Chloride	ND	20.0	1	09/07/24	09/07/24	·



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:57:33PM

CS40-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Analy	yst: CG		Batch: 2436088
Benzene	ND	0.0250	1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/08/24	
Toluene	ND	0.0250	1	09/07/24	09/08/24	
o-Xylene	ND	0.0250	1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/08/24	
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: CG		Batch: 2436088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: AF		Batch: 2436081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		92.8 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2436095
Chloride	ND	20.0	1	09/07/24	09/07/24	



QC Summary Data

Thistle Unit 65 H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Gio Gomez 9/9/2024 4:57:33PM **Volatile Organics by EPA 8021B** Analyst: CG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2436088-BLK1) Prepared: 09/07/24 Analyzed: 09/07/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.05 8.00 88.2 70-130 LCS (2436088-BS1) Prepared: 09/07/24 Analyzed: 09/07/24 5.25 105 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.14 0.0250 5.00 103 70-130 5.22 0.0250 5.00 104 70-130 Toluene 5.12 102 o-Xylene 0.0250 5.00 70-130 10.4 10.0 104 70-130 0.0500 p.m-Xvlene 104 70-130 15.6 15.0 Total Xylenes 0.0250 8.00 89.8 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.18 Matrix Spike (2436088-MS1) Source: E409044-01 Prepared: 09/07/24 Analyzed: 09/07/24 5.10 0.0250 5.00 ND 54-133 Benzene 61-133 Ethylbenzene 5.00 0.0250 5.00 ND 99.9 Toluene 5.08 0.0250 5.00 ND 102 61-130 4.97 ND 99.3 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 ND 101 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.13 8.00 Matrix Spike Dup (2436088-MSD1) Source: E409044-01 Prepared: 09/07/24 Analyzed: 09/07/24 5.06 0.0250 5.00 ND 54-133 0.769 20 61-133 0.338 4.98 0.0250 5.00 ND 99.6 20 Ethylbenzene Toluene 5.06 0.0250 5.00 ND 101 61-130 0.433 20 4.95 5.00 ND 99.0 63-131 0.280 20 o-Xylene 0.0250 0.182 10.1 10.0 ND 101 63-131 20 p,m-Xylene 0.0500



15.1

7.10

0.0250

15.0

8.00

ND

100

88.8

63-131

70-130

0.214

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Thistle Unit 65 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez9/9/2024 4:57:33PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				9/	9/2024 4:57:33PM		
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: CG		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2436088-BLK1)							Prepared: 0	9/07/24 Anal	yzed: 09/07/24		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130					
LCS (2436088-BS2)							Prepared: 0	9/07/24 Anal	yzed: 09/07/24		
Gasoline Range Organics (C6-C10)	41.3	20.0	50.0		82.7	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130					
Matrix Spike (2436088-MS2)				Source:	E409044-	01	Prepared: 0	9/07/24 Anal	yzed: 09/07/24		
Gasoline Range Organics (C6-C10)	42.4	20.0	50.0	ND	84.7	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130					
Matrix Spike Dup (2436088-MSD2)				Source:	E409044-	01	Prepared: 0	9/07/24 Anal	yzed: 09/07/24		
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0	ND	86.8	70-130	2.44	20			

8.00

7.52

93.9

70-130



QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Thistle Unit 65 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez9/9/2024 4:57:33PM

	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: AF		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes		
Blank (2436081-BLK1)							Prepared: 0	9/07/24 Ana	lyzed: 09/07/24		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	45.7		50.0		91.4	50-200					
LCS (2436081-BS1)							Prepared: 0	9/07/24 Ana	lyzed: 09/07/24		
Diesel Range Organics (C10-C28)	234	25.0	250		93.8	38-132					
Surrogate: n-Nonane	39.6		50.0		79.2	50-200					
LCS Dup (2436081-BSD1)							Prepared: 0	9/07/24 Ana	lyzed: 09/08/24		
Diesel Range Organics (C10-C28)	203	25.0	250		81.1	38-132	14.5	20			
Surrogate: n-Nonane	46.5		50.0		93.0	50-200					



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		histle Unit 65 l	Н				Reported:
Plains TX, 79355-0247		Project Manager		io Gomez					9/9/2024 4:57:33PM
		Anions	by EPA	300.0/9056 <i>A</i>	<u> </u>				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 (2436095-BLK1)							Prepared: 09	9/07/24 A	nalyzed: 09/07/24
Chloride	ND	20.0							
LCS (2436095-BS1)							Prepared: 09	9/07/24 A	nalyzed: 09/07/24
Chloride	258	20.0	250		103	90-110			
LCS Dup (2436095-BSD1)							Prepared: 09	9/07/24 A	nalyzed: 09/07/24
Chloride	258	20.0	250		103	90-110	0.282	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:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 16:57

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Released to	Project In	formation
Imaging: 12/11/2024	Project: Project M Address: City, State Phone: 8	ima Envir Thist 1anager: (5614 N. I e, Zip Hol 806-782-1 gio@pima ue by:
2.55.4	Time Sampled	Date Sampled

Chain of Custody

Client: P	ima Envi	ronment	al Servi	ces	T	Bill To				La	b Us	e On	ly				T/			EPA P	rogram	
Project:	Thist	le Un	H #	65 H	Attention: Jel)0n	_	Lab \	#0W	Щ		Job	Vumpt	er Food	1D	2D	3D	Stan	dard	CWA	SDWA	
Project N Address:	Manager: 5614 N.	Lovinate	nez on Hwy.		Address: City, State, Zip			ne ne	UIV	學論	-	The second	-	d Metho		1	_		· qui	-	RCRA	
City, Stat	e, Zip Ho	bbs. NA			Phone:														19.7			
	806-782-				Email:			8015	3015									AU	AL CO	State UT AZ	TTVI	
Email: Report d	gio@pim ue bv:	aoii.com			Pima Project #	1-157		à	O by 8	8021	8260	010	300.0		ž	7		B	м со	UI AZ	1^	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC				Remarks		
1:11	915	S		CS2	1-4'	1'									1							
1:23	1	1		CSZ	2-4'		2															
1:29				CSZ	3 -4'		3								\coprod							
1:33				CS21	1 -4'		4								1							
1:39		1		CS29	5 -4'		5								4							
1:40				C570	0-4'		Le								\parallel							
1:47				C52	1 -4'		7								1							
1:49				CS7	8-4'		8								Ш							
1:56				CS29	-4'		9										_					
2:11		l		CS3	0-4,		W															
Additio	nal Instru	ctions:			Bil	ling# 21	1147	65	50													
				nticity of this sample I may be grounds for	e. I am aware that tampering with r legal action. Sam	or intentionally mislabell pled by:	ing the sampl	e locati	ion,					ring therma it an avg te					- 10 to 30 to 30 to	and a second	oled or received	
Relinquis	ned by: (Sign	ature)	29	16/24 1		gnature)	Date 9-6	14	Time	400	>	Rec	eived	on ice		Lab I	Jse O N	nly		J.		
Relinquis	Harime Adame 916129 15 relinquished by: (Signature) Date Time Wichelle Gonzales 9.6.24 Le				Received by: (S	n	Date 9 -	6-	Time	- 4	6	18							3			
Relinquished by: (Signature) Date 9-6-24 Time Received by: (Signature) Page 1-6-24 Received by: (Signature)							Date 9/7	/m	Time	:00		AV	G Ten	np °C	4							
				Aqueous, O - Other		0						oly/p	oly/plastic, ag - amber glass, v - VOA									
					d unless other arrangements are made. Hazardous samples will be							will be returned to client or disposed of at the client expense. The report for the analysis of the above										



Page 31 of 35

Project Information
Client: Pima Envir
Project: Thistle
Project Manager: (

Chain o	f Custody
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	11	. 1
Page .	9 of	10

Client: Pima Environmental Services Project: Thistle Unit+#65 H Project Manager: Gio Gomez					ces		Do Bill To				La	b Us	e Or	ily			-		TA	т	EPA P	rogram
	oject Manager: Gio Gomez ddress: 5614 N. Lovington Hwy. ty, State, Zip Hobbs, NM, 88240						Attention: Devon		Lab '	WO#			Job	Numl	er	1) [2	2D	3D	Standard	CWA	SDWA
							Address: City, State, Zip			109	oth				-का						Maria I	
						1	Phone:						Analy	sis an	d Meth	od	_					RCRA
Phone:	306-	782-	1151	VI. 002-TC			Email:									П						
Email:				1	ymministry various sales				801	8015								- 1		NA CO	State	L-TV I
Report d	ue by	<i>l</i> :				15,35	Pima Project # - 157		to by	(O by	8021	8260	5010	300.0		1	NIN	ř		NM CO	UI AZ	IX
Time Sampled	Da Sam	25111	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		0	BGDOC	верос			Remarks	
2:20	91	5	5		CS3	1-	4'									X	_					
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2:31					CS3	3-	4'	13														
2:39					CS3	4-	Ц'	14									1					
2:43					CS39	<u>)</u> -	4'	12									Ħ					
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2:53					C53) -	4'	17														
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Addition						6	311/ing# 2114765	0														
date or time	of coll	ection i	s considered	and authent d fraud and n	city of this sample. nay be grounds for	l am av legal ac	ware that tampering with or intentionally mislabell tion. Sampled by:	ing the sample	locatio	on,			Sample packed	es requir I in ice at	ing therma	l prese	rvatio	n mus	t be reco	eived on ice the day the object of the consumer of the consume	ney are sampl	ed or received
date or time of collection is considered fraud and may be grounds for legal Relinquished by: (Signature) Review I me Hoame Output Date Figure 124 Time						100	appelyed by: Higharuse bargales	9-6 s	14	Time	100		Rece	havie	on ice		Lak		e Onl	У		
Relinquished by: (Signature) Date Time Nichelle Gonzales 9-6-24 163						630	Received by: (Signature)	Date 6-	-	Time	16	4-2	T1		OII ICC	T				73		
Relinquished by: (Signature) Date G-24 Time Received by: (Signature) Received by: (Signature)								Date 9 / 3 /	m	Time	:00			Tem	n°C	1				<u>T3</u>		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other								Container	Type	: g - g	lass.	n - nc	dy/nl	actic	20 - 2m	her a	lass	V - 1	/ΟΔ			1.07
Note: Samp	te: Samples are discarded 30 days after results are reported unless other arrangements are made.								be reti	urned	to clie	nt or	dispo	sed of	at the cl	ient e	xper	ise.	There	port for the anal	usis of the	ahove
samples is a	applica	able on	ly to those	e samples re	eceived by the la	borator	v with this COC. The liability of the laborator	is limited to	the a	moun	haid !	far ar	. the .						7.1	une untai	, sis of the	



Printed: 9/9/2024 10:32:45AM

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:	09/07/24	06:00	Work Order ID:	E409044
Phone:	(575) 631-6977	Date Logged In:	09/07/24	06:09	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	09/09/24	17:00 (0 day TAT)		
1. Does th	Custody (COC) the sample ID match the COC?		Yes			
	e number of samples per sampling site location mat	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No			
	Il samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion.	•	Yes	ı	<u>Commen</u>	ts/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project: Thistle Unit #6	
Sample C	<u>Cooler</u>				E409043 through E409	047. Number of
	ample cooler received?		Yes		containers and sampled	by not marked on
8. If yes, v	was cooler received in good condition?		Yes		COC by client.	•
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C	<u>Container</u>					
14. Are ac	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers'	?	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info	ormation:	3.7			
	ample ID? ate/Time Collected?		Yes			
	ollectors name?		Yes No			
Sample P	reservation		140			
	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are sa	imple(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved m	netals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multipha	se?	No			
	does the COC specify which phase(s) is to be analy		NA			
	act Laboratory					
	umples required to get sent to a subcontract laborator	rv?	No			
	subcontract laboratory specified by the client and if	•	NA	Subcontract Lab	v NA	
	struction			Successive Euro	,, , , , , , , , , , , , , , , , , , ,	
CHERT III	istruction .					
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Date

Project Information

Page 34 of 35

Chain of Custody

Client: Pima Environmental Services Project: ThiSTIE Unit #65 H Attention: Del Del													No.	THE REAL PROPERTY.			en all-1								1
Client: P	ima E	nyironi	ment	al Service	Bill To				CANADA SALES		e Onl				0 10		TAT				ogram				
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				1. 88240		Phone	The Person Name and Address of the Owner, where the Person Name and Person Nam						Í	trialy:	13 011	u we	T	T			- 66			HERA	
Phone:				1, 002-10		Email:				ın	ın					E 3					2000	Second .	State	-	
								11-7		8015	801				0.0		-			-	NM	COL		TX	1
Email: gio@pimaoil.com Report due by: Pima Project # - 57										30 by	O ty	802	8260	6010	30C			NM	ř		Z				
Time Sampled	Date Sample	d Ma	atrix	No. of Containers	Sample ID			Lab Number	DRO/OF	GRO/DRO by	BTEX by 802:	VOC by 8260	Metals 6010	Chloride 300.0			верос	BGDOC			R	emarks			
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1:39					CS25	-4'			5																
1:40		1			CS76.	-4'			4																
1:47			1		C527	-4'			7																
1:49					CS 28	-4'			8																
1:56					CS29 -	-4'			9																
2:11	1		1		CS30	-4,	-	*	w																
Additio								ling#21																	
date or tim	e of colle	tion is co	nsidere		ticity of this sample. Ta may be grounds for lega	al action.	Sam	h or intentionally mislabelli pled by:	ng the sampl	e locati	ion,										^a C on subsec		y are samp	led or received	
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					Aqueous, O - Other		- Para	- 0	Containe					oly/pl	astic,	, ag - a	mber								
Note: San	ples are	discarde	ed 30 d	lays after re	esults are reported u			are made. Hazardous									e client	expe	ense.	There	eport for t	he analys	is of the	above	
samples i	annlica	ale only	to thos	e samples i	received by the labor	atory with 1	this COC. The	liability of the laborator	is limited t	o the	amoun	t paid	for o	n the r	eport	t.									



Project Information

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Sample Mat		Containe	Type	: g - p	lass.	p - pc	ly/pl	astic	ag - a	mber	plas	s v -	VOA		4.00		-	4						
Note: Sam	oles are disc	s are made. Hazardous s	amples will	be ret	urned	to clie	ent or	dispo	sed o	at the	client	expe	ense.	The	eport	for the ana	vsis of the	ahove	1					
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Report to:
Gio Gomez



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: Thistle Unit 65 H

Work Order: E409045

Job Number: 01058-0007

Received: 9/7/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/9/24

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: 9/9/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Thistle Unit 65 H

Workorder: E409045

Date Received: 9/7/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/7/2024 6:00:00AM, under the Project Name: Thistle Unit 65 H.

The analytical test results summarized in this report with the Project Name: Thistle Unit 65 H 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

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0111**00:** 505 121 E11B5(52

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 16:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS41-4' Composite	E409045-01A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS42-4' Composite	E409045-02A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS43-4' Composite	E409045-03A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS44-4' Composite	E409045-04A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS45-4' Composite	E409045-05A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS46-4' Composite	E409045-06A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS47-4' Composite	E409045-07A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS48-4' Composite	E409045-08A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS49-4' Composite	E409045-09A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS50-4' Composite	E409045-10A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS51-4' Composite	E409045-11A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS52-4' Composite	E409045-12A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS53-4' Composite	E409045-13A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS54-4' Composite	E409045-14A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS55-4' Composite	E409045-15A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS56-4' Composite	E409045-16A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS57-4' Composite	E409045-17A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS58-4' Composite	E409045-18A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS59-4' Composite	E409045-19A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS60-4' Composite	E409045-20A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS41-4' Composite

		E409045-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: BA			Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		91.7 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2436096
Chloride	ND	20.0	1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS42-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		94.9 %	50-200	09/07/24	09/07/24	
	/1	ma/ka	Δnal	lyst: IY		Batch: 2436096
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Tilai	1,50.11		Batch. 2430070



ſ	Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
	PO Box 247	Project Number:	01058-0007	Reported:
	Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS43-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		94.4 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2436096



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS44-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	Analyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		96.2 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2436096
Chloride	ND	20.0	1	09/07/24	09/08/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS45-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		96.8 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2436096
· · · · · · · · · · · · · · · · · · ·	ND	20.0		09/07/24	09/08/24	·



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS46-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		94.4 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2436096



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS47-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		101 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2436096



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS48-4' Composite

Batch: 2436089 4 4 4 4 4 4
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Batch: 2436096
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Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS49-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		95.4 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2436096
· · · · · · · · · · · · · · · · · · ·	ND	20.0	- 1	09/07/24	09/08/24	·



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS50-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		95.6 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2436096
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Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS51-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		94.9 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2436096
Chloride	ND	20.0	1	09/07/24	09/08/24	
Cinoriac	112	20.0				



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS52-4' Composite

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		93.1 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2436096
Chloride	ND	20.0	1	09/07/24	09/08/24	
Chloride	ND	20.0	1	09/07/24	09/08/24	



ſ	Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
	PO Box 247	Project Number:	01058-0007	Reported:
	Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS53-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		96.8 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2436096
Amons by E111500:0/703011						



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS54-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		94.6 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2436096
Amons by ETA 500.0/7050A						



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS55-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		101 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2436096



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS56-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/07/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/07/24	
Toluene	ND	0.0250	1	09/07/24	09/07/24	
o-Xylene	ND	0.0250	1	09/07/24	09/07/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/07/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/07/24	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	09/07/24	09/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		98.7 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2436096
mions by Elife Colors Cecil						



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS57-4' Composite

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2436089
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0500	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
	101 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Aı	Analyst: BA		Batch: 2436089
ND	20.0	1	09/07/24	09/08/24	
	96.9 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Aı	nalyst: AF		Batch: 2436080
ND	25.0	1	09/07/24	09/07/24	
ND	50.0	1	09/07/24	09/07/24	
	94.9 %	50-200	09/07/24	09/07/24	
mg/kg	94.9 % mg/kg		09/07/24 nalyst: IY	09/07/24	Batch: 2436096
	mg/kg ND	Result Limit 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 I01 % mg/kg MD 20.0 96.9 % mg/kg MD 25.0	Result Limit Diluti mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 mg/kg mg/kg A ND 20.0 1 96.9 % 70-130 mg/kg mg/kg A ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: AF ND 25.0 1 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/08/24 ND 0.0500 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: AF ND 25.0 1 09/07/24 09/07/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS58-4' Composite

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2436089
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0500	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
	100 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Ar	Analyst: BA		Batch: 2436089
ND	20.0	1	09/07/24	09/08/24	
	97.5 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Ar	nalyst: AF		Batch: 2436080
ND	25.0	1	09/07/24	09/07/24	
ND	50.0	1	09/07/24	09/07/24	
	97.6 %	50-200	09/07/24	09/07/24	
	,,.o,,o				
mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2436096
	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 IOO % mg/kg mg/kg mg/kg MD 20.0 97.5 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Ar ND 20.0 1 Mg/kg mg/kg Ar ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: AF ND 25.0 1 09/07/24 ND 25.0 1 09/07/24 ND 50.0 1 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/08/24 ND 0.0500 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: AF ND 25.0 1 09/07/24 09/07/24 ND 25.0 1 09/07/24 09/07/24 ND 50.0 1 09/07/24 09/07/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS59-4' Composite

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2436089
Benzene	ND	0.0250	1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/08/24	
Toluene	ND	0.0250	1	09/07/24	09/08/24	
o-Xylene	ND	0.0250	1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/08/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: BA		Batch: 2436089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: AF		Batch: 2436080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/07/24	
Surrogate: n-Nonane		98.6 %	50-200	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2436096
Chloride	ND	20.0	1	09/07/24	09/08/24	



ſ	Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
	PO Box 247	Project Number:	01058-0007	Reported:
	Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

CS60-4' Composite

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2436089
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0500	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
	101 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2436089
ND	20.0	1	09/07/24	09/08/24	
	97.6 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Ana	lyst: AF		Batch: 2436080
ND	25.0	1	09/07/24	09/07/24	
ND	50.0	1	09/07/24	09/07/24	
	94.6 %	50-200	09/07/24	09/07/24	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2436096
	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 MD 0.0250 MD 20.0250 MB/kg mg/kg MD 20.0 97.6 % mg/kg ND 25.0 ND 50.0 94.6 %	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 97.6 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 94.6 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: AF ND 25.0 1 09/07/24 ND 25.0 1 09/07/24 ND 50.0 1 09/07/24 94.6 % 50-200 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/08/24 ND 0.0500 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: AF ND 25.0 1 09/07/24 09/07/24 ND 50.0 1 09/07/24 09/07/24 ND 50.0 1 09/07/24 09/07/24 ND 50.0 <



QC Summary Data

Thistle Unit 65 H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Gio Gomez 9/9/2024 4:59:44PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2436089-BLK1) Prepared: 09/07/24 Analyzed: 09/07/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.68 8.00 96.0 70-130 LCS (2436089-BS1) Prepared: 09/07/24 Analyzed: 09/07/24 5.22 104 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.12 0.0250 5.00 102 70-130 5.20 0.0250 5.00 104 70-130 Toluene 102 o-Xylene 5.11 0.0250 5.00 70-130 10.4 10.0 104 70-130 0.0500 p.m-Xvlene 104 15.5 15.0 70-130 Total Xylenes 0.0250 8.00 98.4 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.87 Matrix Spike (2436089-MS1) Source: E409045-02 Prepared: 09/07/24 Analyzed: 09/07/24 5.06 0.0250 5.00 ND 54-133 Benzene 61-133 Ethylbenzene 4.98 0.0250 5.00 ND 99.7 Toluene 5.06 0.0250 5.00 ND 101 61-130 4.99 ND 99.8 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.2 0.0500 10.0 ND 102 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.03 8.00 Matrix Spike Dup (2436089-MSD1) Source: E409045-02 Prepared: 09/07/24 Analyzed: 09/07/24 5.22 0.0250 5.00 ND 54-133 2.99 61-133 5.14 0.0250 5.00 ND 103 3.15 20 Ethylbenzene 61-130 Toluene 5.21 0.0250 5.00 ND 104 3.02 20

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

103

105

104

99.4

63-131

63-131

63-131

70-130

3.00

3.07

3.05

20

20

20



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

5.14

10.5

15.6

7.95

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	·
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 4:59:44PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				9/9	9/2024 4:59:44PM				
	Non	halogenated	Organics l	by EPA 80	15D - GI	RO			Analyst: BA RPD Limit % Notes				
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %		Notes				
Blank (2436089-BLK1)							Prepared: 0	9/07/24 Anal	yzed: 09/07/24				
Gasoline Range Organics (C6-C10)	ND	20.0											
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130							
LCS (2436089-BS2)							Prepared: 0	9/07/24 Anal	yzed: 09/07/24				
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.2	70-130							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.7	70-130							
Matrix Spike (2436089-MS2)				Source:	E409045-0	02	Prepared: 0	9/07/24 Anal	yzed: 09/07/24				
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.7	70-130							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130							
Matrix Spike Dup (2436089-MSD2)				Source:	E409045-0	02	Prepared: 0	9/07/24 Anal	yzed: 09/07/24				
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.5	70-130	5.06	20					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.6	70-130							



Surrogate: n-Nonane

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Thistle Unit 65 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez9/9/2024 4:59:44PM

1141115 111, 7,5555 02 17		110jeet Manage	., 0.	o comez					
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: AF
Analyte	Result	mg/kg mg/kg mg/kg ND 25.0 ND 50.0	Rec			RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436080-BLK1)							Prepared: 0	9/07/24 Anal	yzed: 09/07/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.1	50-200			
LCS (2436080-BS1)							Prepared: 0	9/07/24 Anal	yzed: 09/07/24
Diesel Range Organics (C10-C28)	224	25.0	250		89.5	38-132			
Surrogate: n-Nonane	47.6		50.0		95.2	50-200			
LCS Dup (2436080-BSD1)							Prepared: 0	9/07/24 Anal	yzed: 09/07/24
Diesel Range Organics (C10-C28)	216	25.0	250		86.3	38-132	3.61	20	

92.9

50-200



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Chistle Unit 65 1058-0007	Н				Reported:
Plains TX, 79355-0247		Project Manager:	: (Gio Gomez					9/9/2024 4:59:44PM
		Anions	by EPA	300.0/9056	4				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 (2436096-BLK1)							Prepared: 0	9/07/24 A	nalyzed: 09/07/24
Chloride	ND	20.0							

LCS (2436096-BS1)						Prepared: 09	0/07/24 Analyzed: 09/07/24	
Chloride	251	20.0	250	101	90-110			
LCS Dup (2436096-BSD1)						Prepared: 09	0/07/24 Analyzed: 09/07/24	
Chloride	252	20.0	250	101	90-110	0.0708	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:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 16:59

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Project	Information
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Chain of Custody

	-	_	1.4
Page	0	of	lX

Client: P	ima Env	ironmen	tal Servi	ces		Bill To				La	b Us	e On	ly				TA	Т	EPA P	rogram
Project: Project N				<u> </u>	35500000	ttention: JENON ddress:		Lab !	WO#	حوال		dot	Vumb	er	1D	2D	3D	Standard	CWA	SDWA
	5614 N.				TOWNS CO. CO. S. L.	ity, State, Zip		p (1.2	-	-		d Metho	74					DCDA
City, Stat	e, Zip Ho	bbs. NA)	15000000000000000000000000000000000000	hone:						Allaly	313 411	u weth	T		П		_	RCRA
	806-782-				E	mail:		15	15						1				State	-
	gio@pim	aoil.com	1			Pima Project # 1-157		y 80	y 80	#	0		0.0		-			NM CO		TX
Report d						-illa Project# - - 7	1	ROB	RO b	y 80	826	6010	e 30(S	×		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос			Remarks	
3:23	915	3		CS4	1-4	i.									X					
3:31				C542	, -4	`	2								17					
3:37				C543	3 -L	1	3													
3:41	T a			CS41	1-4		4								T					
3:42		j.		C54	5-1	1'	5													
3:56				C540	6-4	1	6													
3:59				C54	7-4	1	7													
4:07				C548	1-4		8								П					
4:16				C549	-4	,	9													
4:26				CS50	-4		ID								11					
Addition					F		650													
date or time	of collection	is considered	and authent d fraud and r	icity of this sample. nay be grounds for	l am awai legal action	e that tampering with or intentionally mislabell Sampled by:	ing the sample	locatio	n,			Sample packed	s requir in ice at	ng thermal	preserva np above	tion mu 0 but le	st be rec	eived on ice the day t °C on subsequent day	ney are sampl	ed or received
Relinguishe	ed by: (Signal	ture)	e g	6/24 Time	460	Received by: (Signature)	Date 9-60	4	Time	400)	Por	hivad	on ice:	4.6	ab Us	se Onl	у		
Relinquishe		ture)	Date	10.24 Time	_	Received by: (Signature)	Date 9 7	6-	Time 24	16	4	Z1	aveu	on ice.	72) / 14		TA		
Relinquishe	ed by: (Signa	ture)	Date	-6-21 Time	354	Received by: (Signature)	Date 7/1	м	Time	OD		AVG	Tem	o°c	4			_ <u>13</u>		
Sample Matr	ix: S - Soil, Sd	- Solid, Sg -	Sludge, A - A	queous, O - Other_	_	- Williams	Container	Type	: p - p	lass. r	o - nc	ly/pl	astic	ag - ami	er ela	SS. V -	VOA		10 m	Lo Assert
Note: Samp	oles are disc	arded 30 da	ys after re	sults are reported	unless o	ther arrangements are made. Hazardous	samples will	be reti	irned	to clie	nt or	disno	sed of	at the cli	ent exp	ense.	The re	port for the anal	ysis of the	above
annipies is	abhiicanis 0	iny to those	: samples r	eceived by the lai	oratory v	with this COC. The liability of the laborator	is limited to	the ar	moun	paid	for or	the r	eport.							



Project Information

Chain	of Custody

Client: P	ima En	vironmen	tal Servi	ces		Do Bill To		120 × 200				e On					TA	T	EPA P	ogram
Project:	Aanager:	Gio Go	# 7/6 mez	3 H	S45973 VIII.	ention: RVON		Lab	WO#	045		Job	Vum	ber - 6007	1D	2D	3D	Standard	CWA	SDWA
			ton Hwy.		V32000000	, State, Zip		E meller		A lo	CONTRACTOR	CONTRACTOR OF THE	50.00	nd Metho	IX					DCDA
City, Stat	e, Zip H	obbs, NI	M. 88240			one:					7	Arialy	515 al	id Metho	u T		П			RCRA
Phone:					Em	ail:		15	15								1 1		State	-
		naoil.con	n		Die	na Project # [-157		y 80:	y 80:	п.	0	_	0.0		-	1	1 1	NMI CO	UT AZ	TXI
Report d			T		FII	na Project# (10 /		80 b	RO b	y 802	826	6010	e 30(Z	7		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC			Remarks	
4:31	915	5		CS5	1-4	ľ									X					
4:39				CS57	-4'		12								1					
4:42				CS 53	-41		13								T					
4:50				CS54	-4'		14								\sqcap					
4:56				CS56	-4'		15													
4:59				CS56	-4	77	16													
5:07				CS57	-4'		17													
5:11				0558	-4'		18								H					
5:14				C559	-41		19								П					
5:19				CS60	-4'		20								1					
Addition	al Instru	ctions:			B	illing# 21147	50								1					
l, (field samp date or time	oler), attest to of collection	o the validity is considere	and authent d fraud and n	icity of this sample. nay be grounds for I	I am aware the	nat tampering with or intentionally mislab Sampled by:	elling the sample	locatio	on,			Sample packed	s requi	ring thermal p	reserva above	otion mu	ist be rece	ived on ice the day t	hey are sample	d or received
Relinguishe		ature)	Date	/ /a / Time	6/24	Received by: (Signature)	Date G. G.	14	Time	100				on ice:	L		se Onl			
Relinquishe Mich	elle F	2 ansal	Date 9.	Time	030	Received by: (Signature)	Date 9-6	-#	Time	45	3	T1	iiveu	on ice.	T2) / IN		73		
Relinquishe	d by: (Sign	ature)	Date 9	-6-24 Z	354	Received by: (Signature)	Date 9/3/	m	Time	00			Torr	p°C	1			_ <u>13</u>		
				queous, O - Other _		The same	Container	Type	: p - p	lass i	n - no	ly/nl	astic	ag - amh	or pla	SS 1/-	VOA		of the A	
Note: Samp	oles are dis	carded 30 d	ays after re	sults are reported	unless other	r arrangements are made. Hazardou	s samples will	be ret	urned	to clie	ent or	disno	sed of	at the clie	nt ext	ense.	There	port for the anal	vsis of the	hove
samples is	applicable	only to thos	e samples re	eceived by the lab	oratory with	n this COC. The liability of the laborate	ry is limited to	the a	moun	t paid	for or	the r	eport.	A Section of the				,	Jaia of tile c	DOVE



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Printed: 9/9/2024 10:40:22AM

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.

we receive	no response concerning these items within 24 hours of t	ine date of this noti	cc, an the si	amples will be une	nyzeu us requesteu.	
Client:	Pima Environmental Services-Carlsbad	Date Received:	09/07/24 0	06:00	Work Order ID:	E409045
Phone:	(575) 631-6977	Date Logged In:	09/07/24 0	06:10	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	09/09/24 1	7:00 (0 day TAT)		
Chain of	Custody (COC)					
	e sample ID match the COC?		Yes			
	e number of samples per sampling site location materials.	tch the COC	Yes			
	imples dropped off by client or carrier?		Yes	Carrier: C	Yourrian	
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No	Carrier. <u>c</u>	<u>Sourici</u>	
	I samples received within holding time?	stea anary ses.	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.				Comment	ts/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project: Thistle Unit #6	5H split between
Sample C	<u>ooler</u>				E409043 through E409	047. Number of
7. Was a s	ample cooler received?		Yes		containers and sampled	by not marked on
8. If yes,	was cooler received in good condition?		Yes		COC by client.	
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		COC by chem.	
10. Were	custody/security seals present?		No			
11. If yes.	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15	Yes			
13. If no v	risible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>			
Sample C						
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?	_	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
	reservation the COC or field labels indicate the samples were precisely.	reserved?	No			
	mple(s) correctly preserved?	reserveu?	NA			
	filteration required and/or requested for dissolved n	netale?	No			
		ictais.	140			
	se Sample Matrix	9	3.7			
	the sample have more than one phase, i.e., multipha		No			
27. II yes,	does the COC specify which phase(s) is to be analy	yzeu?	NA			
	act Laboratory					
	imples required to get sent to a subcontract laborato	-	No			
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	: NA	
Client Ir	struction					

Project Information

Chain of Custody

Received by OCD: 9/20/2024 2:27:23 PM

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lient: Pima Environmental Services Bill To		10 TE	SP ST	LE	ib Us	e On	ly		1		TA	\T	EPA Pr	ogram
roject: Thistle Unit #65 # roject Manager: Gio Gomez Attention: PVON Address:		Lab	WO	045		Job	Vum	per		2D	3D	Standard	CWA	SDWA
ddress: 5614 N. Lovington Hwy. City, State, Zip			14	973	Company	SERVICE P	-	F000-	X			Balle A Gallery Co.		
ity, State, Zip Hobbs, NM, 88240 Phone:		-				Anaiy	sis ar	d Metho	d T	_				RCRA
hone: 806-782-1151 Email:		53	53									2000.50	State	
mail: gio@pimaoil.com eport due by: Pima Project # [-157]		3y 80	y 80	21	0	0	0.0		5			NM CO	UT AZ	TX
		NO F	ROL	y 80.	/ 826	6010	le 30		NM	×		X		
Sampled Sampled Matrix No. of Containers Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals	Chloride 300.		верос	верос			Remarks	
1:31 9/5 5 CS51 -4' composite	1(X			Sample	e nan	r D.Gel
1:39 CS52-4'	12								1				4. RA	
1:42 CS 53 - 4'	13								T					
1:50 CS54-4'	14													
4:56 CS55 -4'	15													
1:59 CS56-4'	110													
5:07 CS57-4'	17													
5:11 CS58-4'	18													
5:14 CS59-41	19								П					
5:19 CS60-4' -	V								1					
additional Instructions: Billing#211476	50							7						
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabellin ate or time of collection is considered fraud and may be grounds for legal action. Sampled by:	g the sample	e locati	on,			Sample packed	s requir	ing thermal ;	preserva p above	tion mu	st be rec	reived on ice the day to	ney are sample	d or received
elinguished by: (Signature) Patine House 9 424 Time 9 424 Received by: (Signature)	Date G . (a.	14	Time	100				on ice:	L	ab Us	se Onl			
elinquished by: (Signature) Date G-6:24 Time Received by: (Signature)	Date 9-6	-4	Time	AS	3	T1	ivea	on ice:	-) / N				
elinquished by: (Signature) Oate 9-6-14 1354 Received by: (Signature)	Date Q 2/	m	Time	00			T day		12			<u>T3</u>		
Imple Matrix: S - Soll, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Container	r Type		lace	n - no	AVG	octic	ag amb	J. ala		WOA	1535	14.3	23
ote: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous sa	amples will	be ret	urned	to clie	ent or	dienos	ad of	at the clie	nt exp	ense	There	eport for the anal	vsis of the	thove
amples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory	is limited to	the a	moun	t paid	for or	the re	eport.					-portror the arial	raia Or tile a	DOVE



Project Information

Received by OCD: 9/20/2024 2:27:23 PM

Chain of Custody

Page 5 of 1

Client: Pima Enviro	onment	al Service	ces		0	Bill To		11350	Marie S	Lai	b Us	e Onl	V-	la estada		_	T	AT	-	EPA Pr	ogram
Project: Thistle Project Manager: G	Unit 7	\$65 h	<u></u>	346039FE		Jon		Lab !	WO#			A dol	umb	er	1	2D			andard	CWA	SDWA
Address: 5614 N. L	ovinate	n Hun		10(10)(5)	dress:				1070	342	- Comment	100	THE PERSON	400	17						
City, State, Zip Hot				200 CONTROL OF THE PARTY OF THE	y, State, Zip one:					-		Analys	is an	d Meth	nod						RCRA
Phone: 806-782-1	151	100210		CAUS	nail:			10	10											61.1	
Email: gio@pima						1 10-1		801	801				0						NIMI CO	State UT AZ	TV
Report due by:				Pi	ma Project #	1-157		o by	O by	8021	3260	010	300.0			Z X			WW CO	UI AZ	18
Time Date Sampled Sampled	Matrix	No. of Containers	Sample ID				Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride			BGDOC				Remarks	
3:23 915	3		CS4'	1-4	Com	posite	1								>	1			Samo	IC Na	7000
3:31			CS42	-4			2									1			10	red per	
3:37			C543	3-4			3														19/29.84
3:41			CS4L	4-4			4												2.00	10.	
3:42			C54	5-4	1		5														
3:56			C540	6-4			6														
3:59			C54	7-4"			7														
4:07			C548	5-4,			8													1777	
4:16			C549	-4'			9														
4:26	1		CS50	1-41		7	10														
Additional Instruction				R	illing#		650														
I, (field sampler), attest to the date or time of collection is	he validity a	nd authenti	city of this sample.	I am aware			ng the sample	locatio	on,			Sample	requiri	ng therm	al prese	rvation n	ust be re	ceived o	on ice the day t	ney are sample	d or received
Relinguished by: (Signature A	ure)	Date	In Time	460		gnature) ongres	Date 9-60	¥	Time	400						Lab L	lse Or		subsequent da	·s.	_
Relinquished by: (Signatu	ure) A	Date	Time		Received by: (Sig	anature)	Date	6-	Imey 24	16	,	Rece Z	ived	on ice	: (Y)/	V		- L		
Relinquished by: (Signatu		Date	, Time	354	Received by: (Sig		Date	м	Time	00	10	11_			_ I	/		-	<u>T3</u>		
Sample Matrix: S - Soil, Sd -	Solid. Sg - SI	udge A - Ac	00	-211	IKANACI	dering	Contain	Tues	V			AVG			-	-	Life		577.5		
Note: Samples are discar	ded 30 day	s after res	ults are reported	d unless oth	er arrangements a	ire made. Hazardous s	Container amoles will	be reti	irned	to clie	nt or	dienne	ed of	ag - am	lient e	lass, v	- VOA	ronart	factle	1 - 51	
samples is applicable only	y to those	samples re	ceived by the lab	boratory wi	th this COC. The lia	bility of the laboratory	is limited to	the a	mount	paid f	or on	the re	port.	at the C	ment t	Apense	. The	eport	for the anal	ysis of the a	bove



Report to:
Gio Gomez



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: Thistle Unit 65 H

Work Order: E409046

Job Number: 01058-0007

Received: 9/7/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/9/24

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: 9/9/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Thistle Unit 65 H

Workorder: E409046

Date Received: 9/7/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/7/2024 6:00:00AM, under the Project Name: Thistle Unit 65 H.

The analytical test results summarized in this report with the Project Name: Thistle Unit 65 H 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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whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 17:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS61-4' Composite	E409046-01A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS62-4' Composite	E409046-02A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS63-4' Composite	E409046-03A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS64-4' Composite	E409046-04A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS65-4' Composite	E409046-05A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS66-4' Composite	E409046-06A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS67-4' Composite	E409046-07A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS68-4' Composite	E409046-08A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS69-4' Composite	E409046-09A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS70-4' Composite	E409046-10A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS71-4' Composite	E409046-11A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS72-4' Composite	E409046-12A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS73-4' Composite	E409046-13A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS74-4' Composite	E409046-14A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS75-4' Composite	E409046-15A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS76-4' Composite	E409046-16A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS77-4' Composite	E409046-17A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS78-4' Composite	E409046-18A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS79-4' Composite	E409046-19A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS80-4' Composite	E409046-20A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS61-4' Composite

		Reporting					
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2436090
Benzene	ND	0.0250	1	09	9/07/24	09/08/24	
Ethylbenzene	ND	0.0250	1	09	9/07/24	09/08/24	
Toluene	ND	0.0250	1	09	9/07/24	09/08/24	
o-Xylene	ND	0.0250	1	09	9/07/24	09/08/24	
p,m-Xylene	ND	0.0500	1	09	9/07/24	09/08/24	
Total Xylenes	ND	0.0250	1	09	9/07/24	09/08/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09	9/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	09	9/07/24	09/08/24	
Surrogate: Toluene-d8		108 %	70-130	09	9/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA			Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0	1	09	9/07/24	09/08/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09	9/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	09	9/07/24	09/08/24	
Surrogate: Toluene-d8		108 %	70-130	09	9/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0	1	09	9/07/24	09/07/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	09	9/07/24	09/07/24	
Surrogate: n-Nonane		99.4 %	50-200	09	9/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY			Batch: 2436097
Chloride	ND	20.0	1	09	9/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS62-4' Composite

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2436090
Benzene	ND	0.0250		1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/08/24	
Toluene	ND	0.0250		1	09/07/24	09/08/24	
o-Xylene	ND	0.0250		1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/07/24	
Surrogate: n-Nonane		103 %	50-200	·	09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2436097
11110113 by E111 500:0/703011							



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS63-4' Composite

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2436090
Benzene	ND	0.0250		1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/08/24	
Toluene	ND	0.0250		1	09/07/24	09/08/24	
o-Xylene	ND	0.0250		1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		110 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		110 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/07/24	
Surrogate: n-Nonane		98.2 %	50-200		09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2436097
Chloride	ND	20.0		1	09/07/24	09/07/24	



Piı	ma Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PC	9 Box 247	Project Number:	01058-0007	Reported:
Pla	ains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS64-4' Composite

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA	A		Batch: 2436090
Benzene	ND	0.0250	1		09/07/24	09/08/24	
Ethylbenzene	ND	0.0250	1		09/07/24	09/08/24	
Toluene	ND	0.0250	1		09/07/24	09/08/24	
o-Xylene	ND	0.0250	1		09/07/24	09/08/24	
p,m-Xylene	ND	0.0500	1		09/07/24	09/08/24	
Total Xylenes	ND	0.0250	1		09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		110 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA	A		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		110 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV	V		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0	1		09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/07/24	09/07/24	
Surrogate: n-Nonane		100 %	50-200		09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2436097



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS65-4' Composite

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Benzene	ND	0.0250		1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/08/24	
Toluene	ND	0.0250		1	09/07/24	09/08/24	
o-Xylene	ND	0.0250		1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		111 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		111 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/07/24	
Surrogate: n-Nonane		99.2 %	50-200		09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436097
Chloride	ND	20.0		1	09/07/24	09/08/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS66-4' Composite

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA	L		Batch: 2436090
Benzene	ND	0.0250	1		09/07/24	09/08/24	
Ethylbenzene	ND	0.0250	1		09/07/24	09/08/24	
Toluene	ND	0.0250	1		09/07/24	09/08/24	
o-Xylene	ND	0.0250	1		09/07/24	09/08/24	
p,m-Xylene	ND	0.0500	1		09/07/24	09/08/24	
Total Xylenes	ND	0.0250	1		09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		112 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA	1		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		112 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV	7		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0	1		09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/07/24	09/07/24	
Surrogate: n-Nonane		102 %	50-200		09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2436097



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS67-4' Composite

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Benzene	ND	0.0250		1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/08/24	
Toluene	ND	0.0250		1	09/07/24	09/08/24	
o-Xylene	ND	0.0250		1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/07/24	
Surrogate: n-Nonane		106 %	50-200		09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2436097
Chloride	ND	20.0		1	09/07/24	09/08/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS68-4' Composite

		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2436090
Benzene	ND	0.0250		1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/08/24	
Toluene	ND	0.0250		1	09/07/24	09/08/24	
o-Xylene	ND	0.0250		1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/07/24	
Surrogate: n-Nonane		103 %	50-200		09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2436097
Chloride	ND	20.0		1	09/07/24	09/08/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS69-4' Composite

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Benzene	ND	0.0250		1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/08/24	
Toluene	ND	0.0250		1	09/07/24	09/08/24	
o-Xylene	ND	0.0250		1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		111 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		111 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/07/24	
Surrogate: n-Nonane		98.0 %	50-200		09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2436097
Chloride	ND	20.0		1	09/07/24	09/08/24	



Piı	ma Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PC	9 Box 247	Project Number:	01058-0007	Reported:
Pla	ains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS70-4' Composite

		E409046-10					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Benzene	ND	0.0250		1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/08/24	
Toluene	ND	0.0250		1	09/07/24	09/08/24	
o-Xylene	ND	0.0250		1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/08/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/07/24	09/08/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/07/24	09/08/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/07/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/07/24	
Surrogate: n-Nonane	·	98.8 %	50-200		09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436097

20.0

09/07/24

09/08/24

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS71-4' Composite

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA	A		Batch: 2436090
Benzene	ND	0.0250	1		09/07/24	09/09/24	
Ethylbenzene	ND	0.0250	1		09/07/24	09/09/24	
Toluene	ND	0.0250	1		09/07/24	09/09/24	
o-Xylene	ND	0.0250	1		09/07/24	09/09/24	
p,m-Xylene	ND	0.0500	1		09/07/24	09/09/24	
Total Xylenes	ND	0.0250	1		09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA	A		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV	V		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0	1		09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/07/24	09/07/24	
Surrogate: n-Nonane		104 %	50-200		09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	ı	Analyst: IY			Batch: 2436097
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS72-4' Composite

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	ВА		Batch: 2436090
Benzene	ND	0.0250	1		09/07/24	09/09/24	
Ethylbenzene	ND	0.0250	1	l	09/07/24	09/09/24	
Toluene	ND	0.0250	1	l	09/07/24	09/09/24	
o-Xylene	ND	0.0250	1	l	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500	1	l	09/07/24	09/09/24	
Total Xylenes	ND	0.0250	1		09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		110 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	٠	Analyst: E	3A		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		110 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0	1		09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/07/24	09/07/24	
Surrogate: n-Nonane		98.2 %	50-200		09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	Y		Batch: 2436097
11110119 8 9 12111 0 0 0 10 7 9 0 0 0 1 1							



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS73-4' Composite

		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Benzene	ND	0.0250	1	1	09/07/24	09/09/24	
Ethylbenzene	ND	0.0250	1	1	09/07/24	09/09/24	
Toluene	ND	0.0250	1	1	09/07/24	09/09/24	
o-Xylene	ND	0.0250	1	1	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500	1	1	09/07/24	09/09/24	
Total Xylenes	ND	0.0250	1	1	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/07/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/07/24	09/07/24	
Surrogate: n-Nonane		104 %	50-200		09/07/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436097
Amons by ETA 500.0/7050A	0 0	<u> </u>					



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS74-4' Composite

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Benzene	ND	0.0250	1		09/07/24	09/09/24	
Ethylbenzene	ND	0.0250	1		09/07/24	09/09/24	
Toluene	ND	0.0250	1	l	09/07/24	09/09/24	
o-Xylene	ND	0.0250	1	l	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500	1	l	09/07/24	09/09/24	
Total Xylenes	ND	0.0250	1		09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0	1		09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/07/24	09/08/24	
Surrogate: n-Nonane		95.9 %	50-200		09/07/24	09/08/24	
	mg/kg	mg/kg		Analyst:	IY		Batch: 2436097
Anions by EPA 300.0/9056A	88	8 8					



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS75-4' Composite

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Benzene	ND	0.0250		1	09/07/24	09/09/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/09/24	
Toluene	ND	0.0250		1	09/07/24	09/09/24	
o-Xylene	ND	0.0250		1	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/09/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		104 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436097
Chloride	ND	20.0		1	09/07/24	09/08/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS76-4' Composite

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Benzene	ND	0.0250		1	09/07/24	09/09/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/09/24	
Toluene	ND	0.0250		1	09/07/24	09/09/24	
o-Xylene	ND	0.0250		1	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/09/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		108 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		108 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		101 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2436097
Chloride	ND	20.0		1	09/07/24	09/08/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS77-4' Composite

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	ВА		Batch: 2436090
Benzene	ND	0.0250	1	l	09/07/24	09/09/24	
Ethylbenzene	ND	0.0250	1	l	09/07/24	09/09/24	
Toluene	ND	0.0250	1	l	09/07/24	09/09/24	
o-Xylene	ND	0.0250	1	l	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500	1	l	09/07/24	09/09/24	
Total Xylenes	ND	0.0250	1	1	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		108 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: I	3A		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		108 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0	1		09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/07/24	09/08/24	
Surrogate: n-Nonane		102 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	Y		Batch: 2436097
7 HII OH S D Y E1 77 500:0/ 2030/1							



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS78-4' Composite

E409046-18

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: BA			Batch: 2436090
Benzene	ND	0.0250		1	09/07/24	09/09/24	
Ethylbenzene	ND	0.0250		1	09/07/24	09/09/24	
Toluene	ND	0.0250		1	09/07/24	09/09/24	
o-Xylene	ND	0.0250		1	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500		1	09/07/24	09/09/24	
Total Xylenes	ND	0.0250		1	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		105 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		105 %	70-130		09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		09/07/24	09/09/24	
Surrogate: Toluene-d8		109 %	70-130		09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0		1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/07/24	09/08/24	
Surrogate: n-Nonane		101 %	50-200		09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2436097
Chloride	ND	20.0		1	09/07/24	09/08/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS79-4' Composite

E409046-19

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2436090
Benzene	ND	0.0250	1	09/07/24	09/09/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/09/24	
Toluene	ND	0.0250	1	09/07/24	09/09/24	
o-Xylene	ND	0.0250	1	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/09/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/07/24	09/09/24	
Surrogate: Toluene-d8		110 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2436090
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/09/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09/07/24	09/09/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/07/24	09/09/24	
Surrogate: Toluene-d8		110 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2436079
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		98.5 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2436097



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:04:14PM

CS80-4' Composite

E409046-20 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: BA Batch: 2436090 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 09/09/24 ND 0.0250 09/07/24 Benzene 09/07/24 09/09/24 Ethylbenzene ND 0.02501 ND 0.0250 09/07/24 09/09/24 Toluene 1 09/07/24 09/09/24 o-Xylene ND 0.025009/07/24 09/09/24 ND 0.0500 p,m-Xylene 09/07/24 09/09/24 1 Total Xylenes ND 0.0250 09/07/24 09/09/24 Surrogate: Bromofluorobenzene 104 % 70-130 09/09/24 Surrogate: 1,2-Dichloroethane-d4 99.5 % 70-130 09/07/24 Surrogate: Toluene-d8 108 % 70-130 09/07/24 09/09/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 2436090 ND 1 09/07/24 09/09/24 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 104 % 09/07/24 09/09/24 70-130 99.5 % 09/09/24 Surrogate: 1,2-Dichloroethane-d4 70-130 09/07/24 Surrogate: Toluene-d8 09/07/24 09/09/24 108 % 70-130 mg/kg Analyst: NV Batch: 2436079 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/08/24 ND 25.0 1 09/07/24 Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) ND 50.0 1 09/07/24 09/08/24 100 % 50-200 09/07/24 09/08/24 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: IY Batch: 2436097

20.0

1

09/07/24

09/08/24

ND



Chloride

QC Summary Data

Pima Environmental Services-Carlsbad Project Name: Thistle Unit 65 H
PO Box 247 Project Number: 01058-0007
Plains TX, 79355-0247 Project Manager: Gio Gomez 9/9/2024 5:04:14PM

Volatile Organic Compounds by EPA 8260B Analyst: BA

	V		Analyst: BA						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436090-BLK1)							Prepared: 0	9/07/24 A	nalyzed: 09/09/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			
LCS (2436090-BS1)							Prepared: 0	9/07/24 A	nalyzed: 09/08/24
Benzene	2.27	0.0250	2.50		90.8	70-130			
Ethylbenzene	2.33	0.0250	2.50		93.1	70-130			
Toluene	2.37	0.0250	2.50		94.8	70-130			
o-Xylene	2.31	0.0250	2.50		92.2	70-130			
p,m-Xylene	4.60	0.0500	5.00		92.1	70-130			
Total Xylenes	6.91	0.0250	7.50		92.1	70-130			
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			
Matrix Spike (2436090-MS1)				Source:	E409046-0	03	Prepared: 0	9/07/24 A	nalyzed: 09/08/24
Benzene	2.34	0.0250	2.50	ND	93.8	48-131			
Ethylbenzene	2.44	0.0250	2.50	ND	97.7	45-135			
Toluene	2.48	0.0250	2.50	ND	99.1	48-130			
o-Xylene	2.42	0.0250	2.50	ND	96.7	43-135			
p,m-Xylene	4.83	0.0500	5.00	ND	96.5	43-135			
Total Xylenes	7.24	0.0250	7.50	ND	96.6	43-135			
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			
Matrix Spike Dup (2436090-MSD1)				Source:	E409046-0	03	Prepared: 0	9/07/24 A	nalyzed: 09/08/24
Benzene	2.37	0.0250	2.50	ND	94.7	48-131	0.934	23	
Ethylbenzene	2.46	0.0250	2.50	ND	98.4	45-135	0.673	27	
Toluene	2.49	0.0250	2.50	ND	99.7	48-130	0.604	24	
o-Xylene	2.42	0.0250	2.50	ND	96.9	43-135	0.186	27	
p,m-Xylene	4.90	0.0500	5.00	ND	98.0	43-135	1.52	27	
Total Xylenes	7.32	0.0250	7.50	ND	97.6	43-135	1.08	27	
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.2	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			
surrogaie. 10iuene-as	0.333		0.500		107	/0-130			



QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Thistle Unit 65 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez9/9/2024 5:04:14PM

Nonhalogenated (Organics by	EPA 8015D - GRO
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Anal	vst.	RA

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

		Level Result	Result	esult Rec	Limits	RPD	Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436090-BLK1)							Prepared: 09	9/07/24 Analy	zed: 09/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			
LCS (2436090-BS2)							Prepared: 09	9/07/24 Analy	zed: 09/08/24
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0	·	100	70-130		·	
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.546		0.500		109	70-130			
Matrix Spike (2436090-MS2)				Source:	E409046-	03	Prepared: 09	9/07/24 Analy	zed: 09/08/24
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.8	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.550		0.500		110	70-130			
Matrix Spike Dup (2436090-MSD2)				Source:	E409046-	03	Prepared: 09	9/07/24 Analy	zed: 09/08/24
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130	2.68	20	
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.555		0.500		111	70-130			



QC Summary Data

Thistle Unit 65 H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 9/9/2024 5:04:14PM Project Manager: Gio Gomez

Plains 1A, /9353-024/		Project Manage	r: Gi	o Gomez					9/9/2024 3:04:14PM	
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO		Analyst: NV		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N.	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2436079-BLK1)							Prepared: 0	9/07/24 Ar	nalyzed: 09/07/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	49.0		50.0		98.1	50-200				
LCS (2436079-BS1)							Prepared: 0	9/07/24 Ar	nalyzed: 09/07/24	
Diesel Range Organics (C10-C28)	245	25.0	250		97.8	38-132				
Surrogate: n-Nonane	50.9		50.0		102	50-200				
LCS Dup (2436079-BSD1)							Prepared: 0	9/07/24 Ar	nalyzed: 09/07/24	
Diesel Range Organics (C10-C28)	230	25.0	250		92.0	38-132	6.10	20		
Surrogate: n-Nonane	50.7		50.0		101	50-200				



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Thistle Unit 65 1 01058-0007	Н				Reported:
Plains TX, 79355-0247		Project Manager:	: (Gio Gomez					9/9/2024 5:04:14PM
		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 (2436097-BLK1)							Prepared: 0	9/07/24 Aı	nalyzed: 09/07/24
Chloride	ND	20.0							
LCS (2436097-BS1)							Prepared: 0	9/07/24 Aı	nalyzed: 09/07/24
Chloride	248	20.0	250		99.0	90-110			
LCS Dup (2436097-BSD1)							Prepared: 0	9/07/24 Aı	nalyzed: 09/07/24
Chloride	249	20.0	250		99.7	90-110	0.673	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:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 17:04

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



	Chain of Cu

Project I	nformatio	n			Cha	ain of Custod	1											Page	/ of [(
Client: F Project: Project M Address:	Aanager:	Gio Goi	十手 mez	65 H	Attention: De VON Address: City, State, Zip					Lab Use Only ab WO# Job Number						TA1	EPA Program		
City, Stat Phone: Email:	City, State, Zip Hobbs, NM, 88240 Phone: 806-782-1151 Email: gio@pimaoil.com Report due by:) 	Phone: Email: Pima Project # 1-157		DRO/ORO by 8015	O by 8015	8021				d Method	NN NN	¥		NM CO	State UT AZ	TX
Time Sampled	Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/OR	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос		^_	Remarks	
5:20	5/9	5		CS61.	-4'	\		1						X					
5:23	1			CS6Z-	4'	2								1					
5:29				C563-	η,	3								1					
5:30				C564 -	4'	4								1					
5:36				CS65-	.4'	5								\dagger					
5:42				CS66-	4'	6								\prod					
5:59				CS67-	u'	7								\prod					
5.56				CS68-	4'	8								1					
5:54				CS69-	4'	9								\parallel					
6:00		1		CS10-	ч,	ΙĎ								\dagger					
Addition					Billing# 21	1476	50							1.1.	1				
				city of this sample. I am	aware that tampering with or intentionally misla	abelling the sample	locatio	on,					ing thermal p				ved on ice the day	they are sampl	ed or received

i, (field sampler), attest to the validity and a	uthenticity of this sa	ample. I am aware t	that tampering with or intentionally mislabelli	ng the sample locat	ion,	Samples requiring thermal preservation must be received on ice the day they are sampled or re	ceiv
date or time of collection is considered frau	d and may be groun	ds for legal action.	Sampled by:			packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.	
Relinquished by: (Signature)	Date 9/24	Time 1400	Received by: (Signature)	Date 9-6-14	Time 1400	Lab Use Only Received on ice: (V) / N	_
Relinquished by: (Signature)	9-6-24	1630	Received by: Signature	Date 9-6-6	1 1648	7 T1 T2 T3	
Relinquished by: (Signature)	9-6-14	12354	Received by: (Signature)	Date 9/7/2	Time 4:00	AVG Temp °C 4	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludg		Other	8	Container Type	e: g - glass, p - p	poly/plastic, ag - amber glass, v - VOA	

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



Project Information

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Client: Pi	ma Env	ironmen	al Services		Bill To		15000	医胶铁	la	hills	e Or	liv.				TA	т	EDA D	
Project:	Thist	& Unit	#65H		Attention: Devon		Lab	WO#		10.5%	Job	Number		1D	2D	3D	Standard	CWA	rogram SDWA
Project M				赤	Address:		4	1090	246		01	02,8%	3324	X			otaliaa a	CITA	301171
Address:					City, State, Zip							sis and N		d					RCRA
City, State Phone: 8			1, 88240	1881	Phone:														
Email: g				-	Email:		015	8015										State	
Report du		aon.com		- 1	Pima Project # 1-15	7	by 8	by 8	1021	260	110	0.008		Z	×		NM CO	UT AZ	TX
Time Sampled	Date Sampled	Matrix	No. of Containers Sample	ID		Lab Numbe	DRO/ORO by 8015	GRO/DRO by	BTEX by 802:	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC T		X	Remarks	L_L_
6:09	9/5	5	C	57	1-4'	10		6	_m	>	2	0		×	<u> </u>				-
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6:17			C	573	-4	13								\dagger					
6:20			C	574	-4:	14							-	\dagger					
6:29		Ξ	CS	79-	-4'	12								\dagger					
6:31			C	576-	-4'	14								1					
6:35			CS	77-	4,	17								\dagger					
6:42			CS	78-	4'	18								1					
6:49			CS	579-	4'	19								\Box					
6:50	1		CS	80-1	4'	v								1					
Additiona					Billing#	2114	76	5	0				-						
date or time o	f collection	is considered	and authenticity of this I fraud and may be grou	ample. I am nds for legal	n aware that tampering with or intentionally maction. Sampled by:	nislabelling the samp	le locati	on,			Sample packed	s requiring t	hermal p avg temp	reservat	tion mu O but les	st be rec	eived on ice the day th °C on subsequent day	ney are sample s.	ed or received
Relinquished Karin	me t	tound	Date 9/24	Time 140	Received by: (Signature)	des 9-4	24	Time	100		Rece	eived on	ice:		b Us	e Onl	у		
Relinquished	elle G	onen	ec 9-624	Time 163	Received by: (Signature)	Date 9	5-2	Anye (348	3	T1			T2			ТЗ		
Relinquished	by: (Signa	ture)	9-6-2	Time 23	Received by: (Signature)	Date 9/	7/2	Time	180			Temp °	- ·						
			Gludge, A - Aqueous, O -			Contain	er Type	2: g - g	lass. r	n - nc	ly/nl	astic ag	- ambo	or alac	s v -	VOA		4 4 4	A.F. S
Note: Sample samples is an	es are disca oplicable o	arded 30 da	ys after results are re	ported unl	ess other arrangements are made. Haza tory with this COC. The liability of the lab	rdous samples w	Il be ret	turned	to clie	nt or	disno	sed of at t	he clie	nt exp	ense.	The re	port for the anal	ysis of the	above
		,		c idbord	ser, man and coc. The hability of the lab	oratory is limited	to the a	imoun	r baid	or or	i the r	eport.							



Printed: 9/9/2024 11:28:59AM

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:	09/07/24	06:00	Work Order ID:	E409046
Phone:	(575) 631-6977	Date Logged In:	09/07/24	06:11	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	09/09/24	17:00 (0 day TAT)		
Chain of	Custodu (COC)					
	Custody (COC)		V			
	te sample ID match the COC? The number of samples per sampling site location mat	ch the COC	Yes			
	amples dropped off by client or carrier?	en the coc	Yes	a : 6		
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes No	Carrier: <u>C</u>	<u>ourier</u>	
	Il samples received within holding time?	ned unaryses.	Yes			
3. Were as	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		103		<u>Comme</u>	nts/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project: Thistle Unit #	65H split between
Sample C					E409043 through E409	9047. Number of
	ample cooler received?		Yes		containers and sample	
8. If yes, v	was cooler received in good condition?		Yes		COC by client. Incorre	•
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		•	ect sample date on 1 g
	custody/security seals present?		No		7 of 10 of COC.	
	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 are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C	ontainer -					
	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers?	•	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab	<u>el</u>					
	field sample labels filled out with the minimum info	rmation:				
	ample ID?		Yes			
	ate/Time Collected? ollectors name?		Yes	•		
	reservation		No			
	the COC or field labels indicate the samples were pr	eserved?	No			
	imple(s) correctly preserved?	-5011001	NA			
	filteration required and/or requested for dissolved m	etals?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multiphase	se?	No			
	does the COC specify which phase(s) is to be analy		NA			
•			11/21			
	act Laboratory	0	NT.			
	imples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	•	No NA	C1	. NI A	
		so who?	INA	Subcontract Lab	; NA	
Client In	struction					
						0

Page 33 of 35

Date

Client: F	ima Env	ironmen	tal Servi	ces	2006	D Bill To			HARRI	La	b Us	e On	ly			-	TAT		EPA P	rogram
Project:	This	te Uni	+#	65 H	At	tention: JPVDN		Lab	WO#			THE RESIDENCE	Vuml	per	1D	2D		Standard	CWA	SDWA
		Gio Gor			70246-0040	Idress:		E	1091	240	0			6003	X				-	S IVA
		. Lovingt				ty, State, Zip						Analy	sis an	d Metho	d			A SUCE		RCRA
		obbs. NA	A. 88240		9590359	none:														
	806-782				E	mail:		115	8015		(4							State	
All the second s	Contract to the second	naoil.com	1	-	P	ima Project # 1-157		39 80		21	0	0	0.0		5			NM CO	UT AZ	TX
Report d		 			100	marroject# 1 13 1	7	RO	RO I	y 80	, 82E	601	e 30		Z	¥		X.		
Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос			Remarks	
5:20	519	5		C56	1-4	'composite	1		-						X			Covy	ected	1
5:23	915			CS6	2-4	composite	2								11				note	
5:29				C56	3-4.	composite	3											CM	9/0	1/24
5:30				C561	1-4	composite	4													
5:36				C56	7-4	composite	5													
9:42				CS6	6-4	composite	6													
5:39				CS6	7-4	comparte.	구								1					
5.56				CS64	5-4'	Composite	8													
5:54				CS6	1- H.	composite	9											Sam	ole n	ames
6:00		1		CS7()-4,	COINIPOLITE	10				-							chan	acd be	V D.G
	al Instruc					Billing# 211	476	50)										M. AA	The second second
date or time	of collection	is considered	and authent d fraud and r	icity of this sample nay be grounds for	e. I am aware r legal action	e that tampering with or intentionally mislabell i. Sampled by:	ing the sample	location	on,									ved on ice the day Con subsequent d		ed or received
Lar	ed by: (Sign	dame		6/24 Tim	400	Received by: (Signature)	Date G-le-s	4	Time	400		Rece	eived	on ice:	1.00	ab Us	e Only			
Mic		roman		624 1	630	Received by Tsignature	- Date 9-6	5-2	Time /	164	1-8	T1			T2			тз		-
Relinquish	ed by: (Sign		Date 9	-6-14 Tim	354	Received by: (Signature)	Date 9/=	1/4	Time	6:0	0	AVG	Tem	n°C	7					
Sample Mat	rix: S - Soil, S	d - Solid, Sg -	Sludge, A - A	queous, O - Other		7	Container	Туре	: g - g	glass,	p - pc	olv/nl	astic	ag - ami	er gla	SS. V -	VOA	- Salar Cons	the second	
Note: Sam	ples are disc	arded 30 da	ays after re	sults are reporte	d unless ot	her arrangements are made. Hazardous	samples will	be ret	urned	to clie	ent or	dispo	sed of	at the cli	ent exp	ense.	The rea	ort for the an	alvsis of the	ahove
samples is	applicable of	nly to those	samples r	eceived by the Is	horatory	with this COC. The liability of the laborator	. In Paul and A.		CPP COLUMN		Valence of the same	100	Dalla III	The second	-	CH 10 C			anyon or tire	UDO4C

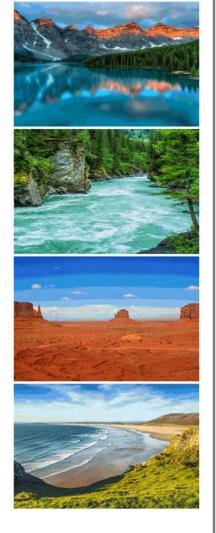


Project Information

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Report to:
Gio Gomez



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: Thistle Unit 65 H

Work Order: E409047

Job Number: 01058-0007

Received: 9/7/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/9/24

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: 9/9/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Thistle Unit 65 H

Workorder: E409047

Date Received: 9/7/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/7/2024 6:00:00AM, under the Project Name: Thistle Unit 65 H.

The analytical test results summarized in this report with the Project Name: Thistle Unit 65 H 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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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Donoutodi
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 17:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS81-4' Composite	E409047-01A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS82-4' Composite	E409047-02A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS83-4' Composite	E409047-03A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CS84-4' Composite	E409047-04A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW1- 0-4' Composite	E409047-05A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW2- 0-4' Composite	E409047-06A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW3- 0-4' Composite	E409047-07A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW4- 0-4' Composite	E409047-08A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW5- 0-4' Composite	E409047-09A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW6- 0-4' Composite	E409047-10A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW7- 0-4' Composite	E409047-11A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW8- 0-4' Composite	E409047-12A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW9- 0-4' Composite	E409047-13A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW10- 0-4' Composite	E409047-14A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW11- 0-4' Composite	E409047-15A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW12- 0-4' Composite	E409047-16A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW13- 0-4' Composite	E409047-17A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW14- 0-4' Composite	E409047-18A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW15- 0-4' Composite	E409047-19A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.
CSW16- 0-4' Composite	E409047-20A	Soil	09/05/24	09/07/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CS81-4' Composite

		E409047-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2436091
Benzene	ND	0.0250	1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/08/24	
Toluene	ND	0.0250	1	09/07/24	09/08/24	
o-Xylene	ND	0.0250	1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/08/24	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2436091
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2436078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		88.8 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2436098
Chloride	ND	20.0	1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CS82-4' Composite

	Danartina				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2436091
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0500	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
	90.7 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2436091
ND	20.0	1	09/07/24	09/08/24	
	91.7 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2436078
ND	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
	90.5 %	50-200	09/07/24	09/08/24	
mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2436098
	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 mg/kg mg/kg ND 20.0 91.7 % mg/kg mg/kg 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 MD 0.0250 1 90.7 % 70-130 mg/kg mg/kg Ana ND 20.0 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: NV ND 25.0 1 09/07/24 ND 25.0 1 09/07/24 ND 50.0 1 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/08/24 ND 0.0500 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/08/24 Mg/kg mg/kg Analyst: NV ND 25.0 1 09/07/24 09/08/24 ND 25.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/24 09/08/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CS83-4' Composite

nalyzed Notes Batch: 2436091 19/08/24 19/08/24 19/08/24 19/08/24 19/08/24 19/08/24
09/08/24 09/08/24 09/08/24 09/08/24
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09/08/24
9/08/24
09/08/24
09/08/24
Batch: 2436091
09/08/24
09/08/24
Batch: 2436078
09/08/24
09/08/24
09/08/24
Batch: 2436098
09/07/24
)



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CS84-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436091
Benzene	ND	0.0250	1	09/07/24	09/08/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/08/24	
Toluene	ND	0.0250	1	09/07/24	09/08/24	
o-Xylene	ND	0.0250	1	09/07/24	09/08/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/08/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/08/24	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436091
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	09/07/24	09/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2436078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		93.7 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2436098
Chloride	ND	20.0	1	09/07/24	09/07/24	
Anions by EPA 300.0/9056A Chloride			Ana 1	-	09/07/24	Ba



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW1- 0-4' Composite

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: BA		Batch: 2436091
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0500	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
	90.1 %	70-130	09/07/24	09/08/24	
- GRO mg/kg mg/kg Analyst: BA		Batch: 2436091			
ND	20.0	1	09/07/24	09/08/24	
	92.3 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	An	alyst: NV		Batch: 2436078
ND	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
	90.4 %	50-200	09/07/24	09/08/24	
mg/kg	mg/kg	An	alyst: IY		Batch: 2436098
ND	20.0	1	09/07/24	09/07/24	
	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 90.4 % 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 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 92.3 % 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 90.4 % 50-200 mg/kg mg/kg An	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: NV ND 25.0 1 09/07/24 ND 25.0 1 09/07/24 ND 50.0 1 09/07/24 ND 50.0 1 09/07/24 ND 50.0 0 09/07/24 ND 50.0 0 09/07/24 ND 50.0 0 09/07/24 ND 50.0 0 09/07/24 ND	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/08/24 ND 0.0500 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: NV ND 25.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/24 09/08/24 ND 50.0 <



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW2- 0-4' Composite

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	An	nalyst: BA		Batch: 2436091
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0500	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
	89.6 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	An	nalyst: BA		Batch: 2436091
ND	20.0	1	09/07/24	09/08/24	
	91.4 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	An	nalyst: NV		Batch: 2436078
ND	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
	85.4 %	50-200	09/07/24	09/08/24	
	_				D 1 2426000
mg/kg	mg/kg	An	nalyst: IY		Batch: 2436098
	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 89.6 % mg/kg MD 20.0 91.4 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 89.6 % 70-130 mg/kg mg/kg Ar ND 20.0 1 91.4 % 70-130 mg/kg mg/kg Ar ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: NV mg/kg mg/kg Analyst: NV ND 25.0 1 09/07/24 ND 50.0 1 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/08/24 ND 0.0500 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: NV ND 25.0 1 09/07/24 09/08/24 ND 25.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/24 09/08/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW3- 0-4' Composite

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	nalyst: BA		Batch: 2436091
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
ND	0.0500	1	09/07/24	09/08/24	
ND	0.0250	1	09/07/24	09/08/24	
	90.1 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	An	nalyst: BA		Batch: 2436091
ND	20.0	1	09/07/24	09/08/24	
	91.7 %	70-130	09/07/24	09/08/24	
mg/kg	mg/kg	An	aalyst: NV		Batch: 2436078
ND	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
ND	50.0 87.7 %	50-200	09/07/24	09/08/24	
ND mg/kg					Batch: 2436098
	mg/kg ND ND ND ND ND ND ND ND ND MD M	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 mg/kg mg/kg MD 20.0 91.7 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 90.1 % 70-130 mg/kg mg/kg Ar ND 20.0 1 91.7 % 70-130 mg/kg mg/kg Ar	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 MD 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg 70-130 09/07/24 mg/kg mg/kg Analyst: NV	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/08/24 ND 0.0500 1 09/07/24 09/08/24 ND 0.0250 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/08/24 MD 20.0 1 09/07/24 09/08/24 mg/kg mg/kg Analyst: BA Mg/kg mg/kg Analyst: NV



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW4- 0-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2436091
Benzene	ND	0.0250	1	09/07/24	09/09/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/09/24	
Toluene	ND	0.0250	1	09/07/24	09/09/24	
o-Xylene	ND	0.0250	1	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/09/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/09/24	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2436091
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2436078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		93.1 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2436098
Chloride	ND	20.0	1	09/07/24	09/07/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW5- 0-4' Composite

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	A	nalyst: BA		Batch: 2436091
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0500	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
	90.8 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	A	nalyst: BA		Batch: 2436091
ND	20.0	1	09/07/24	09/09/24	
	92.3 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	A	nalyst: NV		Batch: 2436078
ND	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
		50 200	09/07/24	09/08/24	
	96.9 %	50-200	09/07/24	09/00/24	
mg/kg	96.9 % mg/kg		nalyst: IY	09/00/24	Batch: 2436098
	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 MD 0.0250 MD 20.0250 MD 20.0 92.3 % mg/kg mg/kg mg/kg ND 25.0	Result Limit Diluti mg/kg mg/kg A 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 90.8 % 70-130 mg/kg mg/kg A ND 20.0 1 92.3 % 70-130 mg/kg mg/kg A ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: NV mg/kg mg/kg Analyst: NV ND 25.0 1 09/07/24 ND 50.0 1 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/09/24 ND 0.0500 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/09/24 mg/kg mg/kg Analyst: NV ND 25.0 1 09/07/24 09/08/24 ND 25.0 1 09/07/24 09/08/24 09/08/24 ND 50.0 1 09/07/24 09/08/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW6- 0-4' Composite

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2436091
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0500	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
	89.6 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2436091
ND	20.0	1	09/07/24	09/09/24	
	91.2 %	70-130	09/07/24	09/09/24	
Л					
mg/kg	mg/kg	Anal	yst: NV		Batch: 2436078
Mg/kg ND	mg/kg 25.0	Anal 1	yst: NV 09/07/24	09/08/24	Batch: 2436078
		Anal 1 1	-	09/08/24 09/08/24	Batch: 2436078
ND	25.0	Anal 1 1 50-200	09/07/24		Batch: 2436078
ND	25.0 50.0	1 1 50-200	09/07/24 09/07/24	09/08/24	Batch: 2436078 Batch: 2436098
	mg/kg ND ND ND ND ND ND ND ND ND	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 MD 0.0250 89.6 % mg/kg ND 20.0 91.2 %	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 ND 0.0250 1 89.6 % 70-130 mg/kg mg/kg Anal ND 20.0 1 91.2 % 70-130	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 91.2 % 70-130 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 ND 0.0500 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 89.6 % 70-130 09/07/24 09/09/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/09/24 91.2 % 70-130 09/07/24 09/09/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW7- 0-4' Composite

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2436091
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0500	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
	91.1 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2436091
ND	20.0	1	09/07/24	09/09/24	
	92.1 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2436078
ND	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
	85.2 %	50-200	09/07/24	09/08/24	
mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2436098
	mg/kg ND	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 91.1 % mg/kg MD 20.0 92.1 % mg/kg ND 25.0 ND 50.0	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 91.1 % 70-130 mg/kg mg/kg An ND 20.0 1 92.1 % 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: NV ng/kg mg/kg Analyst: NV ND 25.0 1 09/07/24 ND 50.0 1 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 ND 0.0500 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/09/24 mg/kg mg/kg Analyst: NV ND 25.0 1 09/07/24 09/08/24 ND 25.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/24 09/08/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW8- 0-4' Composite

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2436091
Benzene	ND	0.0250	1	09/07/24	09/09/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/09/24	
Toluene	ND	0.0250	1	09/07/24	09/09/24	
o-Xylene	ND	0.0250	1	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/09/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/09/24	
Surrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2436091
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2436078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		86.7 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2436098
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Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW9- 0-4' Composite

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2436091
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0500	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
	90.6 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2436091
ND	20.0	1	09/07/24	09/09/24	
	92.1 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2436078
ND	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
	06.407	50 200	09/07/24	09/08/24	
	86.4 %	50-200	09/0//24	07/00/24	
mg/kg	86.4 % mg/kg		nalyst: IY	02/00/24	Batch: 2436098
	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 ND 20.0 92.1 % mg/kg mg/kg ND 25.0	Result Limit Dilution mg/kg mg/kg And a	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: NV mg/kg mg/kg Analyst: NV ND 25.0 1 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/09/24 ND 0.0500 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/09/24 mg/kg mg/kg Analyst: BA 09/07/24 09/09/24 mg/kg mg/kg Analyst: NV 09/09/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW10- 0-4' Composite

		•				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436091
Benzene	ND	0.0250	1	09/07/24	09/09/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/09/24	
Toluene	ND	0.0250	1	09/07/24	09/09/24	
o-Xylene	ND	0.0250	1	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/09/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/09/24	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2436091
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2436078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		88.7 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2436098
Chloride	ND	20.0	1	09/07/24	09/08/24	



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW11- 0-4' Composite

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2436091
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0500	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
	101 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2436091
ND	20.0	1	09/07/24	09/09/24	
	96.5 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	Anal	lyst: NV		Batch: 2436078
45.1	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
	93.5 %	50-200	09/07/24	09/08/24	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2436098
8 8	<u> </u>		·		
	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 IO1 % mg/kg ND 20.0 96.5 % mg/kg mg/kg mg/kg 45.1 25.0 ND 50.0 93.5 %	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 96.5 % 70-130 mg/kg mg/kg Ana 45.1 25.0 1 ND 50.0 1 93.5 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: NV 45.1 25.0 1 09/07/24 ND 50.0 1 09/07/24 93.5 % 50-200 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/09/24 ND 0.0500 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/09/24 mg/kg mg/kg Analyst: BA ng/kg mg/kg Analyst: NV 45.1 25.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/24 09/08/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW12- 0-4' Composite

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2436091
Benzene	ND	0.0250	1	09/07/24	09/09/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/09/24	
Toluene	ND	0.0250	1	09/07/24	09/09/24	
o-Xylene	ND	0.0250	1	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/09/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/09/24	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2436091
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2436078
	25.4	25.0	1	09/07/24	09/08/24	
Diesel Range Organics (C10-C28)					00100101	
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
	ND	50.0 89.2 %	50-200	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND mg/kg		50-200 Analy	09/07/24		Batch: 2436098



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW13- 0-4' Composite

Reporting Limit mg/kg	Dilution Analyst:	Prepared	Analyzed	Notes
		•	Analyzed	Notes
mg/kg	Analyst:	D.A		
		BA		Batch: 2436091
0.0250	1	09/07/24	09/09/24	
0.0250	1	09/07/24	09/09/24	
0.0250	1	09/07/24	09/09/24	
0.0250	1	09/07/24	09/09/24	
0.0500	1	09/07/24	09/09/24	
0.0250	1	09/07/24	09/09/24	
101 %	70-130	09/07/24	09/09/24	
mg/kg	Analyst:	BA		Batch: 2436091
20.0	1	09/07/24	09/09/24	
98.2 %	70-130	09/07/24	09/09/24	
mg/kg	Analyst:	NV		Batch: 2436078
25.0	1	09/07/24	09/08/24	
50.0	1	09/07/24	09/08/24	
		00/07/24	00/00/24	
36.6 %	50-200	09/07/24	09/08/24	
86.6 % mg/kg	50-200 Analyst:		09/08/24	Batch: 2436098
	0.0250 0.0250 0.0250 0.0500 0.0250 701 % mg/kg 20.0 8.2 % mg/kg 25.0	0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 0.0250 1 70-130 mg/kg Analyst: 20.0 1 8.2 % 70-130 mg/kg Analyst: 25.0 1	0.0250 1 09/07/24 0.0250 1 09/07/24 0.0250 1 09/07/24 0.0500 1 09/07/24 0.0250 1 09/07/24 0.0250 1 09/07/24 0.0250 1 09/07/24 101 % 70-130 09/07/24 mg/kg Analyst: BA 20.0 1 09/07/24 8.2 % 70-130 09/07/24 mg/kg Analyst: NV 25.0 1 09/07/24	0.0250 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24 0.0500 1 09/07/24 09/09/24 0.0500 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24 0.0250 1 09/07/24 09/09/24



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW14- 0-4' Composite

	<u> </u>				
	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436091
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0500	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
	100 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436091
ND	20.0	1	09/07/24	09/09/24	
	97.6 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2436078
ND	25.0	1	09/07/24	09/08/24	
ND	50.0	1	09/07/24	09/08/24	
	88.2 %	50-200	09/07/24	09/08/24	
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2436098
	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 IOO % mg/kg mg/kg mg/kg MD 20.0 97.6 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Am 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 97.6 % 70-130 mg/kg mg/kg Am ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 mg/kg mg/kg Analyst: NV ND 25.0 1 09/07/24 ND 25.0 1 09/07/24 ND 50.0 1 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 ND 0.0500 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/09/24 mg/kg mg/kg Analyst: NV 09/09/24 ND 25.0 1 09/07/24 09/08/24 ND 25.0 1 09/07/24 09/08/24 ND 50.0 1 09/07/24 09/08/24



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW15- 0-4' Composite

E409047-19

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	g mg/kg Analys		alyst: BA	Batch: 2436091	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
ND	0.0500	1	09/07/24	09/09/24	
ND	0.0250	1	09/07/24	09/09/24	
	99.6 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436091
ND	20.0	1	09/07/24	09/09/24	
	96.5 %	70-130	09/07/24	09/09/24	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2436078
		1	09/07/24	09/08/24	
ND	25.0		05.07.2.	07/00/24	
ND ND	25.0 50.0	1	09/07/24	09/08/24	
		50-200			
	50.0		09/07/24	09/08/24	Batch: 2436098
	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 mD 0.0250 mD 0.0250 99.6 % mg/kg mg/kg mg/kg ND 20.0 96.5 %	Result Limit Dilution mg/kg mg/kg Am ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 99.6 % 70-130 mg/kg mg/kg An ND 20.0 1 96.5 % 70-130	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0250 1 09/07/24 ND 0.0500 1 09/07/24 ND 0.0250 1 09/07/24 MD 0.0250 1 09/07/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 96.5 % 70-130 09/07/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/07/24 09/09/24 ND 0.0500 1 09/07/24 09/09/24 ND 0.0250 1 09/07/24 09/09/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/07/24 09/09/24 ND 20.0 1 09/07/24 09/09/24 96.5 % 70-130 09/07/24 09/09/24



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

CSW16- 0-4' Composite

E409047-20

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg Ar		alyst: BA		Batch: 2436091
Benzene	ND	0.0250	1	09/07/24	09/09/24	
Ethylbenzene	ND	0.0250	1	09/07/24	09/09/24	
Toluene	ND	0.0250	1	09/07/24	09/09/24	
o-Xylene	ND	0.0250	1	09/07/24	09/09/24	
p,m-Xylene	ND	0.0500	1	09/07/24	09/09/24	
Total Xylenes	ND	0.0250	1	09/07/24	09/09/24	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: BA		Batch: 2436091
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/07/24	09/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	09/07/24	09/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2436078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/24	09/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/24	09/08/24	
Surrogate: n-Nonane		94.0 %	50-200	09/07/24	09/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2436098
	ND	20.0	-	09/07/24	09/08/24	



Thistle Unit 65 H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Gio Gomez 9/9/2024 5:06:08PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2436091-BLK1) Prepared: 09/07/24 Analyzed: 09/08/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.18 8.00 89.8 70-130 LCS (2436091-BS1) Prepared: 09/07/24 Analyzed: 09/08/24 5.11 102 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.02 0.0250 5.00 100 70-130 5.11 0.0250 5.00 102 70-130 Toluene 5.02 o-Xylene 0.0250 5.00 100 70-130 10.2 10.0 102 70-130 0.0500 p.m-Xvlene 101 70-130 15.2 15.0 Total Xylenes 0.0250 8.00 91.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.33 Matrix Spike (2436091-MS1) Source: E409047-04 Prepared: 09/07/24 Analyzed: 09/08/24 5.04 0.0250 5.00 ND 54-133 Benzene 99.2 61-133 Ethylbenzene 4.96 0.0250 5.00 ND Toluene 5.05 0.0250 5.00 ND 101 61-130 ND 99.3 63-131 4.96 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 ND 101 63-131 15.0 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.24 8.00 Matrix Spike Dup (2436091-MSD1) Source: E409047-04 Prepared: 09/07/24 Analyzed: 09/08/24 5.09 0.0250 5.00 ND 102 54-133 0.993 20 61-133 5.03 0.0250 5.00 ND 101 1.34 20 Ethylbenzene 61-130 5.11 ND 102 1.25 20

0.0250

0.0250

0.0500

0.0250

5.03

10.2

15.2

7.27

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

101

102

101

90.9

63-131

63-131

63-131

70-130

1.32

1.12

1.19

20

20

20



Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				9/	9/2024 5:06:08PM		
	Nor	halogenated	Organics l	by EPA 80	15D - G	RO		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 (2436091-BLK1)							Prepared: 0	9/07/24 Anal	yzed: 09/08/24		
Gasoline Range Organics (C6-C10)	ND	20.0					-		-		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130					
LCS (2436091-BS2)							Prepared: 0	9/07/24 Anal	yzed: 09/08/24		
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.2	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130					
Matrix Spike (2436091-MS2)				Source:	E409047-	04	Prepared: 0	9/07/24 Anal	yzed: 09/08/24		
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	ND	84.1	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130					
Matrix Spike Dup (2436091-MSD2)				Source:	E409047-	04	Prepared: 0	9/07/24 Anal	yzed: 09/08/24		
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130	5.37	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130					



Pima Environmental Services-Carlsbad	Project Name:	Thistle Unit 65 H	Reported:
PO Box 247	Project Number:	01058-0007	-
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 5:06:08PM

Plains TX, 79355-0247		Project Manager	:: Gi	o Gomez					9/9/2024 5:06:08PM
	Nonhal	Analyst: NV							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2436078-BLK1)							Prepared: 0	9/07/24 Ai	nalyzed: 09/08/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.8		50.0		89.5	50-200			
LCS (2436078-BS1)							Prepared: 0	9/07/24 A	nalyzed: 09/08/24
Diesel Range Organics (C10-C28)	214	25.0	250		85.5	38-132			
Surrogate: n-Nonane	46.4		50.0		92.8	50-200			
LCS Dup (2436078-BSD1)							Prepared: 0	9/07/24 A	nalyzed: 09/08/24
Diesel Range Organics (C10-C28)	221	25.0	250		88.5	38-132	3.52	20	
Gurrogate: n-Nonane	47.6		50.0		95.2	50-200			



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		histle Unit 65 1 1058-0007	Н				Reported:		
Plains TX, 79355-0247		Project Manager		io Gomez					9/9/2024 5:06:08PM		
		Anions	by EPA	300.0/9056 <i>A</i>	\				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 (2436098-BLK1)							Prepared: 09	9/07/24 A	nalyzed: 09/07/24		
Chloride	ND	20.0									
LCS (2436098-BS1)							Prepared: 09	9/07/24 A	nalyzed: 09/07/24		
Chloride	250	20.0	250		100	90-110					
LCS Dup (2436098-BSD1)							Prepared: 09	9/07/24 A	nalyzed: 09/07/24		
Chloride	250	20.0	250		100	90-110	0.104	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:	Thistle Unit 65 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 17:06

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Project Information

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Page	of	(0

Client: F	ima Envi	ronmen	tal Servi	ces	Attention: Devon				La	b Us	e On	ly :				T	AT	EPA P	rogram
	ThiSt/ Nanager:			02 IT	Attention: UCVOII		Lab 1	WO#	104	1	Job	Numb	er	1D	2D	3D	Standard	CWA	SDWA
	5614 N.				City, State, Zip			ru	UT			Contract of the last of the la	.000-	-			8 17 5 1 17 17 17 17 17		
	e, Zip Ho				Phone:	_			-1	-	Analy	sis an	d Meth	od		-			RCRA
Phone:	306-782-	1151			Email:		2	S										State	
Email:	gio@pim	aoil.com	1				/801	801				o.		100			NMI CO	UT AZ	TX
Report d	ue by:				Pima Project # 1-157		(O b)	(O by	805	8260	5010	300		Z		4	X	UI AL	1.
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
6:53		5		C381		-								X					
6:58				CS8Z		2													
7:00				CS83		3								1			9 7		
7:07				C584		4								1					
7:11				CSWI		2													
7:20				CSWZ		4								11					
7:23				CSWS		7									T				
7:29				CSW4		8								11	T				
7:31				CSWS		q								1					
7:34				CSW6		10								11					
Addition	al Instruct	tions:			Billing # 211	476	5	0						_!_	-l	-L			
				icity of this sample. I am nay be grounds for legal	aware that tampering with or intentionally mislabelling	ng the sample	locatio	on,			Sample	s requiri	ng therma	I preserv	ration m	ust be re	ceived on ice the day t 6°C on subsequent day	hey are sample	ed or received
Relinquish	ed by: (Signa	Har	u Date	6/24 THO	Received by: (Signature) Vichelle Gonzales	Date G-6	24	Time	160		Rece	havie	on ice:		Lab L	Jse Or	ily		
	ed by: (Signa		Date	6.24 Time	Received by (Signature)	Date 9-6	5-2	Tine	169	3	T1	nveu	on ice.	-	' '	N			
	ed by: (Signa		Date	6-24 Time 2:	Received by (Signature)	Date 9 17	124	Time	-00		V/C	Tem	. 00	4			= 15		
Sample Mat	ix: S - Soil, Sd	- Solid, Sg -	Sludge, A - A	queous, O - Other		Container	Type	: 0 - 0	lass.	n - nc	lv/nl	astic :	ag - am	her al-	ice v	- 1/04	A CONTRACTOR		
Note: Sam	les are disca	arded 30 da	ays after re	sults are reported unl	ess other arrangements are made. Hazardous story with this COC. The liability of the laboratory	amples will	be retu	urned	to clie	nt or	dispo	sed of	at the cli	ient ex	pense	. The	eport for the ana	ysis of the	above



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Client: P	Thist	ronmen	tal Servi	ces	Attention: De VOV				U = 1			e Or			CPS.			TAT		EPA P	rogram
	Aanager:				700 9			Lab 1	NO#				Num		10	2) 3	D S	Standard	CWA	SDWA
	5614 N.				Address: City, State, Zip		_	14	090	47		2000	Mary Street, Name	2007	1						
	e, Zip Ho				Phone:		-	-	-	-		Analy	sis ar	d Meth	od	_					RCRA
	806-782-		VI. 00240		Email:	-	-														
	gio@pim		1				-	8015	8015										444 00	State	
Report d					Pima Project # 1 / 5	5 /		by	þ	3021	260	010	300.0		2		4		NM CO	UT AZ	TX
Time	Date	Matrix	No. of	Camaria ID			ab	DRO/ORO by 8015	GRO/DRO by 8015	втех ьу 8021	by 8	ls 60	ide								
Sampled	Sampled	IVIALITY	Containers	Sample ID		1 -6.00	mber	DRO	GRO	втех	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		Bonoc			Remarks	
7:40	95	5		CSW7			١								×	:				-	
7:42				CSW8			12														
7:48				CSW9			3														
7:50				CSWIC			4										T				
7:52				CSWII			2									T					
7:59				CSW12			NO								1	Ī	Ť				
8:00				CSW13	· · · · · · · · · · · · · · · · · · ·	197	7								+						
81.01				CSW14			8									\dagger	+	+	1		
8:08				CSWIS			19							\top			+	+		-	
8:12				csw16			0									\parallel	+				
	al Instruc	tions:			Rillin		2//	47	6	5/)	(c				1					
I, (field samp	oler), attest to	the validity	and authent	icity of this sample. I a	m aware that tampering with or intentionall al action. Sampled by:	ly mislabelling the	sample l	locatio	n,	0 0		Sample	es requir	ing therma	al preser	vation e 0 bu	must b	e receive	ed on ice the day the	ney are sampl	ed or received
Relinquishe Ariv	ed by: (Signa	ture)	Date	1624 Time	Received by: (Signature)	gales Date	-6-2	4	Time	100		Por	ivad	on ice		Lab	Use	Only			
Relinquish	ed by: (Signa	oural	co G.	624 16	Received by: (Signature)	Date	1-6	24	Time	14	3		iveu	OH ILE	-	,	IN.				
Relinquish	ed by: (Signa	eture)	_ Date	-6-24 Time 2	359 Received by: (Signature)	Date	121		Time	, Di		T1		0-	<u>12</u>				13	135	
Sample Mate	rix: S - Soil, Sd	I - Solid, Sg -	Sludge, A - A	queous, O - Other	1000 com	/	1.1.4		U					p °C_ ag - am		255	, 1/6	14			
Note: Sam	oles are disc	arded 30 d	ays after re	sults are reported u	nless other arrangements are made. H	azardous sample	es will b	e retu	irned	to clie	ent or	dispo	sed of	at the c	ient es	nene	v - V(IA rana	ort for the ar-1	usis of the	ahaya
samples is	applicable o	nly to thos	e samples r	eceived by the labor	atory with this COC. The liability of the	laboratory is lim	ited to	the an	nount	t paid	for o	n the r	eport.			pen	. 11	Стеро	ore for the dilat	yais or tile	above



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Printed: 9/9/2024 10:52:25AM

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:	09/07/24 0	6:00	Work O	rder ID:	E409047
Phone:	(575) 631-6977	Date Logged In:	09/07/24 0		Logged	In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	09/09/24 1	7:00 (0 day TAT)			
1. Does the 2. Does the 3. Were see 4. Was the	Custody (COC) ne sample ID match the COC? ne number of samples per sampling site location match amples dropped off by client or carrier? e COC complete, i.e., signatures, dates/times, request		Yes Yes Yes No	Carrier: <u>C</u>	<u>Courier</u>		
5. Were a	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 disucssio	•	Yes	_	<u>C</u>	Commen	ts/Resolution
	Curn Around Time (TAT) a COC indicate standard TAT, or Expedited TAT?		Yes		-		55H split between
Sample (E409043 through	1 E409	047. Number of
	sample cooler received?		Yes		containers and sa	mpled	by not marked on
8. If yes,	was cooler received in good condition?		Yes		COC by client. D	ate sa	mpled missing on
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		Pg 9 of 10 COC.		
10. Were	custody/security seals present?		No		15 7 01 10 000.		
11. If yes	, were custody/security seals intact?		NA				
	e 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	received w/i 15	Yes C				
	Container .		_				
	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				
	on-VOC samples collected in the correct containers?		Yes				
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes				
S	<u>oel</u> field sample labels filled out with the minimum infor ample ID? ate/Time Collected?	mation:	Yes Yes				
C	ollectors name?		No				
Sample I	Preservation_						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved me	etals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multiphas		No				
27. If yes	, does the COC specify which phase(s) is to be analyst	zed?	NA				
28. Are sa	act Laboratory amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if		No NA	Subcontract Lab	: NA		
<u>Client</u> Iı	nstruction_						
					Date		- envirotech Inc

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

Project Information

Chain of Custody

		q	10
ody		Page of	(

Clients Dime Engineers and Coming and Committee			- Lineaus	10000					-									
Client: Pima Environmental Services Project: Thistle Unit#65# Attention: D	e/on						e Onl						TA				ogram	
	47077		Lab 1	NO#	N. I		A dot	luml	per	_ 1	LD .	2D	3D	Stan	dard	CWA	SDWA	
Project Manager: Gio Gomez Address: 5614 N. Lovington Hwy. Address: City, State, Zip				104	UT	The second second	SAN SERVICE	A Property of	000	Office Co.								
City, State, Zip Hobbs, NM, 88240 Phone:		-		-			Analys	sis an	d Me	thod	_						RCRA	
															· Walter			
Phone: 806-782-1151 Email: gio@pimaoil.com			015	015												State		
Report due by: Pima Project	# 1-157	- 1, 18	by 8	by 8	8021	9	01	0.00			NN			N	м со	UT AZ	TX	
		100	ORO	ORO	98	y 82	s 60	de 3		15		¥		12	×			4
Sampled Sampled Matrix No. of Containers Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by	втех ьу	VOC by 8260	Metals 6010	Chloride 300.0			верос	BGDOC				Remarks		
6:53 S CS81-4' com	iposite	1									X				Sample	nam	الما	1
6:58 CS8Z -4' 1		2									1			1	Gelle	196	ilm. e	AS
7:00 CS83 - 4°		3									1							
7:07 C584 -4'		4									1							
7:11 CSW1 - 0-4+	Composite	2																
7:20 CSW2 - 0-4	composite	4																
7:23 CSWS - 0-4"	compalite	7																1
7-29 00000	composite	8													111			
7.21	'amposite	9									1							
	composite	10																
Additional Instructions:	ing # 211	476																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering date or time of collection is considered fraud and may be grounds for legal action.	with or intentionally mislabelling ampled by:	g the sample	locatio	n,											ce the day the		ed or received	
Relinquished by: (Signature) Date 9/24 Time Received by	(Signature)	Date G-6.	24	Time 4	100		Rece	ived	on ic	e: (La		e Onl	у	T. S.			
Relinquished by: (Signature) Date Time Received by Compared To be 14		Date 9-6		Tithe		13	T1	14		1	12	,		T	2			
Relinquished by: (Signature) Date Time 2354 Received by	(Signature)	Date 917	124	Time	-00		AVG	Tem	n °C	5	L		1,12					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	7	Container	Type			_	Name and Persons	A CONTRACTOR	SECTION A	mber	glas	S. V - 1	VOA	ar an	17 17 19 19	-		1
Note: Samples are discarded 30 days after results are reported unless other arrangeme	nts are made. Hazardous sa	amples will I	be reti	urned	to clie	ent or	dispos	sed of	at the	client	expe	ense.	There	eport fo	r the anal	sis of the	above	
samples is applicable only to those samples received by the laboratory with this COC. The	ne liability of the laboratory i	is limited to	the a	mount	naid	for or	the r	enart				275	The same		unai	and of the		



Project Information

Client: Pima Environmental Services
Project: Thistle Unit #65#
Project Manager: Gio Gomez
Address: 5614 N. Lovington Hwy.

Attention: Address:

City, State, Zip

Lab Use Only

Job Number

CO058 0007

Analysis and Method

Lab WO# EU09047

CWA

TAT

1D | 2D | 3D | Standard

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Page

Page 300 of 308

City, State, Zi	ip Ho	bbs. NN	1.88240			Phone:											T	T		T		
Phone: 806-					500	Email:				ıc,	2										-	State
Email: gio(@pima	oil.com				194		1 1		8015	801				0						-	NM CO UT AZ TX
Report due b	y:				7762	Pima P	roje	ct# 1-157		yd C) Dy	3021	260	010	300.			Z	×		ľ	VIVI CO OT AZ TA
Time D	Date		No. of	c 1 15					Lab	/OR(/DRC	by	by 8	ls 60	ide			2		- 4/	ř	~
Sampled San	mpled	Matrix	Containers	Sample ID					Number	DRO/ORO	GRO/DRO	BTEX by 8023	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC	верос			Remarks
7:40 9	5	5		CSu	07	-0-0	t -	composite	11								>	X				Sample names
7:42				CSI			1		12									1				Changed per D. Geller 9 9 19 117
7:48				CSW	19				13													
7:50				csu	010				14													
7:52				CSU	UII				12													
7:59				CSU	1/2			*	INP													
8:00				CSW	113				17													
8:01				CSW					18													
8:08				Con					19													
8:12		1		csw	16		8		10									1				
Additional In								Billing#	= 211			50	0								No.	
date or time of co	ollection is	s considered				action.		g with or intentionally mislabell Sampled by:		location	on,											nice the day they are sampled or received absequent days.
Relinquished by	Tto	zme		6/24	Time 140			v: (signature)	Date 9-6-	24	Time	400		Rec	eived	on ice	: (Lal		e Onl	У	100
Relinquished by	e G	onzale		624	Time 163	0	1/2	oy: (Signature)	Date 9-6	-29	Time	64	3	T1			_ I	2				13
Relinquisfied by	/: (Signal	ture)	— Date	-6-24	Time Z	359 Réce	eived t	oy: (Signature)	9/7/	127	Time	e. Di	5	AVG	Tem	p °C_	4	4/3		731		
	ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
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.																						
samples is appli	icable or	nly to those	e samples re	eceived by th	e labora	tory with this	COC.	The liability of the laborator	y is limited to	the a	mour	nt paid	for or	n the	report.							
														-						-		



Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 385487

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	385487
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites							
Incident ID (n#)	nRM2019860183						
Incident Name	NRM2019860183 THISTLE UNIT #65H @ 30-025-41303						
Incident Type	Produced Water Release						
Incident Status	Remediation Closure Report Received						
Incident Well	[30-025-41303] THISTLE UNIT #065H						

ocation of Release Source							
Please answer all the questions in this group.							
Site Name	THISTLE UNIT #65H						
Date Release Discovered	07/06/2020						
Surface Owner	State						

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

Nature and Volume of Release	Nature and Volume of Release								
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.									
Crude Oil Released (bbls) Details	Not answered.								
Produced Water Released (bbls) Details	Cause: Other Valve Produced Water Released: 363 BBL Recovered: 301 BBL Lost: 62 BBL.								
Is the concentration of chloride in the produced water >10,000 mg/l	Yes								
Condensate Released (bbls) Details	Not answered.								
Natural Gas Vented (Mcf) Details	Not answered.								
Natural Gas Flared (Mcf) Details	Not answered.								
Other Released Details	Not answered.								
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.								

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

QUESTIONS, Page 2

Action 385487

Santa	re, NIVI 6/505
QUESTI	ONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 385487 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	rafety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 09/20/2024

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

QUESTIONS, Page 3

Action 385487

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	385487
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	197	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	45.1	
GRO+DRO (EPA SW-846 Method 8015M)	45.1	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	08/21/2024	
On what date will (or did) the final sampling or liner inspection occur	09/05/2024	
On what date will (or was) the remediation complete(d)	09/13/2024	
What is the estimated surface area (in square feet) that will be reclaimed	16792	
What is the estimated volume (in cubic yards) that will be reclaimed	2487	
What is the estimated surface area (in square feet) that will be remediated	16792	
What is the estimated volume (in cubic yards) that will be remediated	2487	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 385487

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	385487
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

I 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.

Name: Dale Woodall Title: EHS Professional I hereby agree and sign off to the above statement Email: Dale.Woodall@dvn.com Date: 09/20/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 385487

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	385487
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 385487

QUESTIONS (continued)

Santa Fe, NM 87505

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	385487
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	379972
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/05/2024
What was the (estimated) number of samples that were to be gathered	100
What was the sampling surface area in square feet	16792

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	16792	
What was the total volume (cubic yards) remediated	2487	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	16792	
What was the total volume (in cubic yards) reclaimed	2487	
Summarize any additional remediation activities not included by answers (above)	see report	

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

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

Name: Dale Woodall
Title: EHS Professional
Email: Dale.Woodall@dvn.com
Date: 09/20/2024

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QUESTIONS, Page 7

Action 385487

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	385487
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 385487

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	385487
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

C B		Condition	Condition Date
	nvelez	Remediation closure report approved, release resolved.	12/11/2024