

PREPARED BY: PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR: DEVON ENERGY PRODUCTION CO, LP

SIRIUS 17 FEDERAL COM #7H
Incident ID nAPP2425352986

Remediation Closure Report

November 22, 2024



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

Bureau of Land Management 620 E Green St. Carlsbad, NM 88220

Re: Remediation Closure Report Sirius 17 Federal Com #7H API # 30-015-41762 NMOCD Incident ID <u>nAPP2425352986</u>

ULSTR - L - 17 - 19S - 31E 2080 FSL 70 FWL Eddy County, NM

GPS Coordinates: Latitude 32.6588783 Longitude -103.8998795

This produced water release was discovered by the operator on September 8, 2024. The initial notification of release was submitted and approved on September 9, 2024 (OCD Online: Permitting – Application ID 381860). The initial C-141 form was submitted and approved on September 10, 2024 (OCD Online: Permitting – Application ID 382075). This incident was assigned Incident ID nAPP2425352986 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Sirius 17 Federal Com #7H (Sirius) is located approximately twelve (12) miles southeast of Loco Hills, NM. This release area is in Unit L, Section 17, Township 19S, Range 31E, Latitude 32.6588783 Longitude -103.8998795, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology in this area is Eolian and piedmont deposits. Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits (Appendix B). The soil in this area is made up of Berino loamy fine sand, 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey. The drainage class in this area is well drained (Appendix B). There is a medium potential for karst geology to be present around the Sirius (Figure 3). Reference Figure 2 for a Topographic Map.

Based on the well water data from the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this vicinity measures greater than 55 feet below grade surface (bgs). This information is based on OSE CP-01907-POD1 which was drilled July 13, 2022, and is located approximately 0.47 miles north of this release area. Conversely, as per the United States Geological Survey well water data the nearest groundwater depth in this region is recorded at 23 feet bgs, from well USGS 323810103554201 19S.30E.25.12133 with the last gauge being conducted in 1995. This well is situated approximately 2.37 miles southwest of the Sirius release area. The nearest surface water body is Hackberry Lake approximately 2.31 miles southwest of this release area. For detailed references to Water Surveys and Water-Related Maps, please refer to Appendix A. The closure criteria for this area will be classified under the 51-100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC due to CP-01907-POD1.

Release Information

nAPP2425352986: On September 8, 2024, 1" nipple on wellhead pumping tee developed a pinhole and caused a 5.3 bbls produced water spill. 4 bbls recovered.

Site Assessment and Delineation Activities

On September 12, 2024, Pima Environmental mobilized personnel to the site to collect soil samples from within and around the edges of the release area for vertical and horizontal delineation. Sixty (60) discrete samples were collected from 15 different sample points within the release area for vertical delineation. These samples were collected from depth intervals of surface, 1', 2', and 4' bgs. Eight (8) composite samples were collected from the edges of the release area for the purpose of horizontal delineation. These composite samples consisted of discrete subsamples collected from depths of surface, 1', 2', 3', and 4' bgs from each sample point. Two (2) samples were collected from 2 different points in the pasture to serve as background samples.

A total of seventy (70) samples were put on ice, jarred, and delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. A 48-Hour Sampling Notification was submitted by Devon



on September 10, 2024, and can be referenced in Appendix C (OCD Online: Permitting – Application ID 382060).

As composite samples are no longer accepted for horizontal delineation purposes, Pima personnel returned to the site to recollect samples for horizontal delineation.

On September 28, 2024, a total of thirty-two (32) discrete (grab) samples were collected from 8 different sample points around the edges of the release area. These samples were collected from depth intervals of surface, 1', 2', and 4' bgs. All samples were placed on ice, jarred, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC.

All sample results can be found in the Data Tables in Figure 5. A corresponding Site Map can be found in Figure 4. Complete laboratory reports can be found in Appendix E. Photographic Documentation can be referenced in Appendix D.

Remediation Activities

On November 7, 2024, Devon construction and Pima mobilized personnel and equipment to the site to begin remediation activities. The affected area measuring approximately 6,707 square feet was excavated to a depth of 1' bgs. The affected area measuring approximately 290 square feet was excavated to a depth of 1.5' bgs. A combined total of approximately 265 cubic yards of contaminated soil was removed and disposed of at an R360, a NMOCD-approved disposal facility. Then clean, like material was brought to the location to be used for backfilling.

On November 13, 2024, after Devon submitted a 48-hour sampling notification (Appendix C), 5-point composite confirmation samples were collected from the excavation representing no more than 200 square feet from the base and walls of the excavated area. Thirty-six samples were collected from the base of the excavation, and seven samples were collected from the wall of the excavation. A total of forty-three samples were put on ice, prepared for lab delivery, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC.

Based on the sample results (Figure 5), all contamination levels from samples within the excavation that are entirely on the engineered pad are under the regulatory limits according to the 51-100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. A Confirmation Sample Map can be referenced in Figure 6. The excavation was then backfilled and repacked for normal day-to-day traffic.

Devon has complied with the applicable requirements set forth in 19.15.19.12 NMAC and requests that this remediation closure report for incident ID nAPP2425352986 be approved. Devon understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan addressing a minimum of four feet of non-waste containing earthen material.

For questions or additional information, please feel free to contact:

Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dvn.com.

Pima Environmental Services – Tom Bynum at 580-748-1613 or tom@pimaoil.com.

Attachments

Figures:

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

Appendices:

Appendix A – Water Surveys & Water-Related Maps

Appendix B – Soil Survey & Geological Data

Appendix C – 48-Hour Notifications

Appendix D - Photographic Documentation

Appendix E - Laboratory Reports



Figures:

Location Map

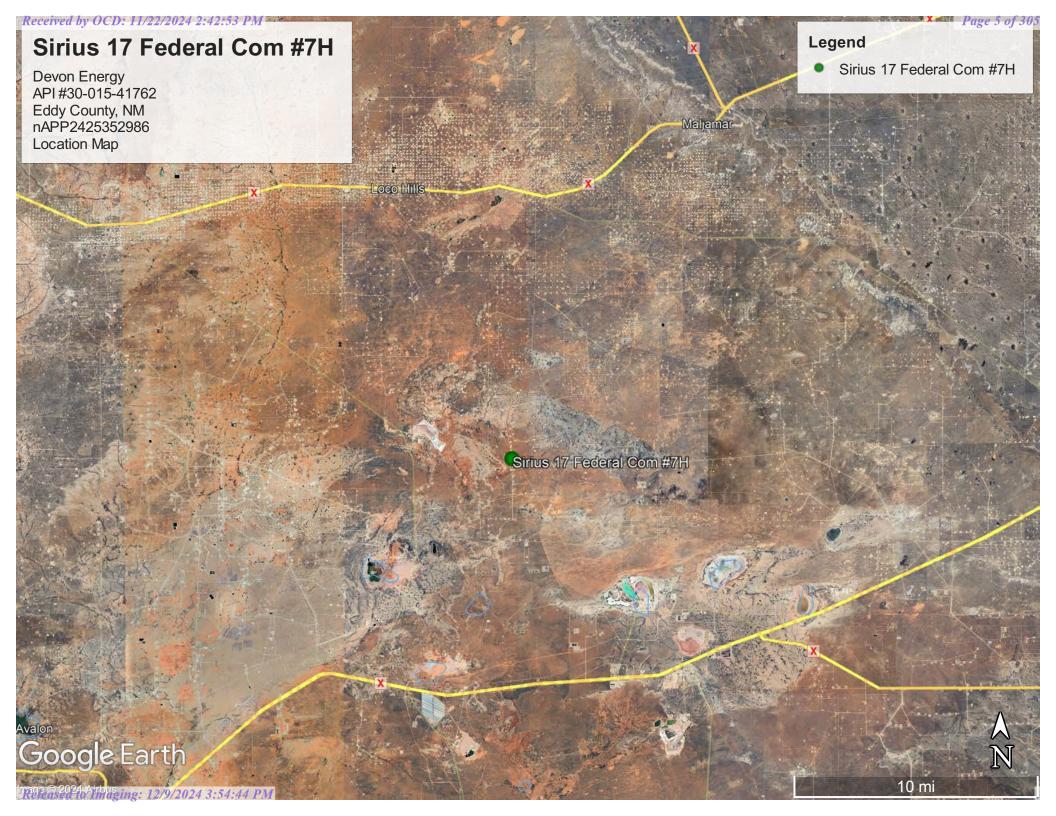
Topographic Map

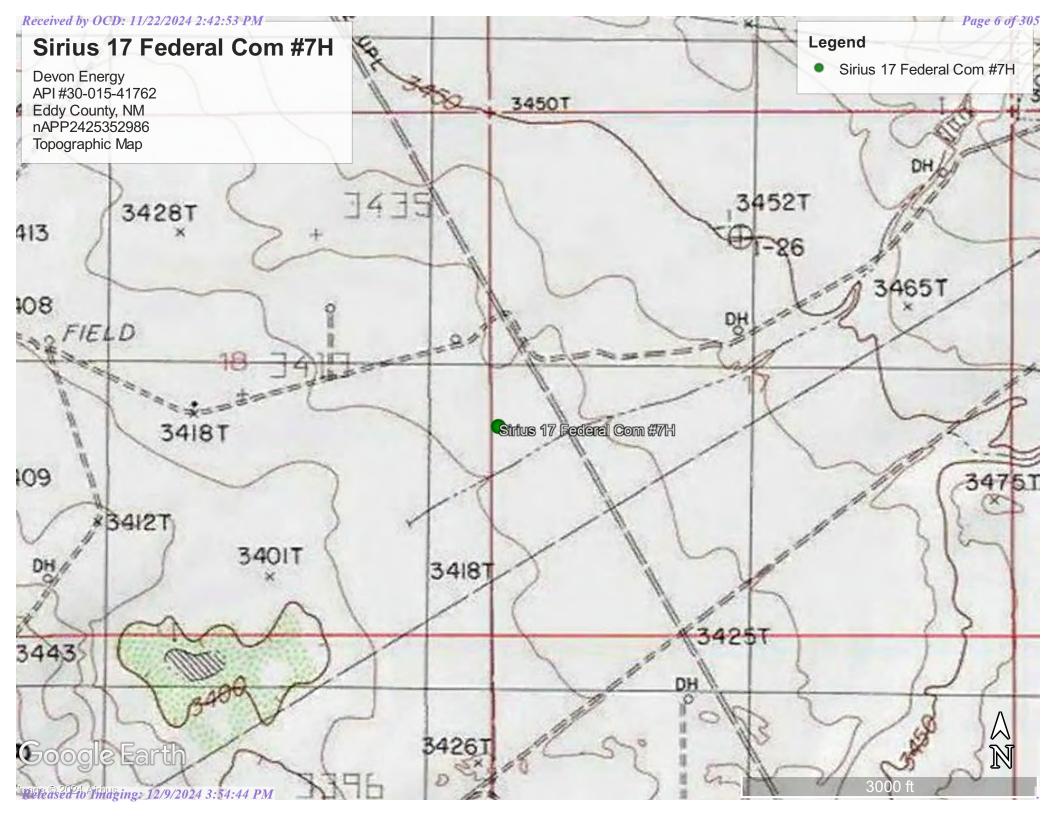
Karst Map

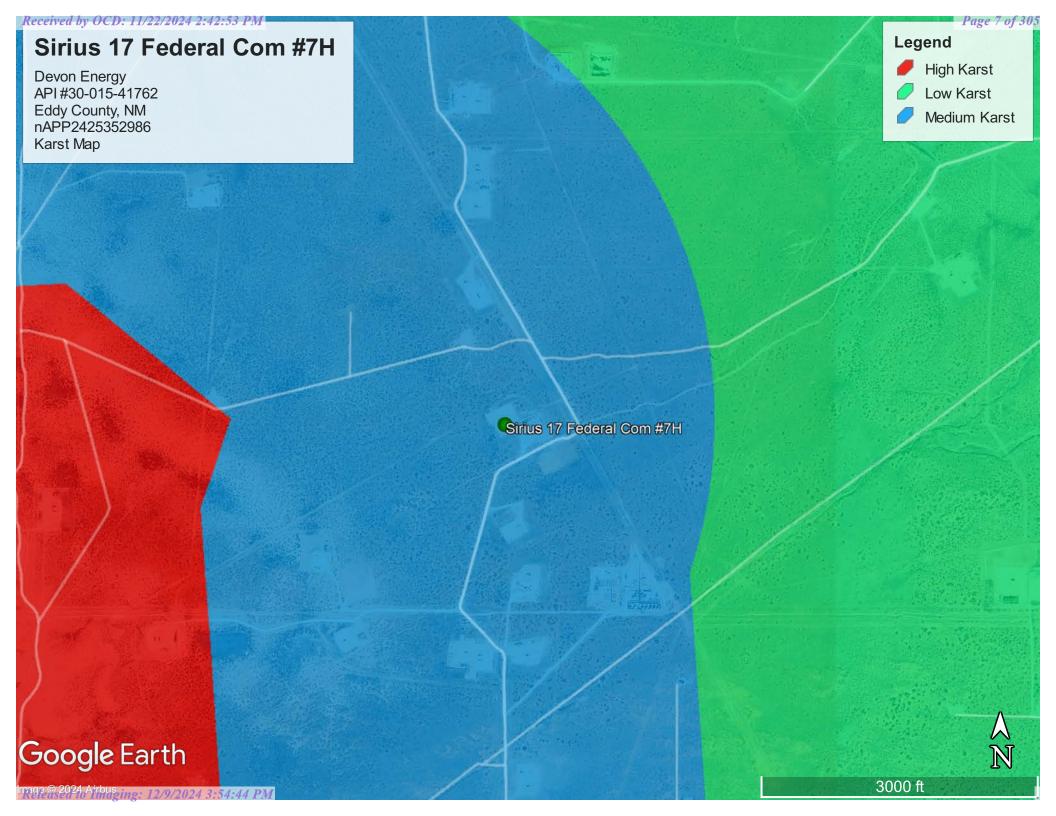
Site Map

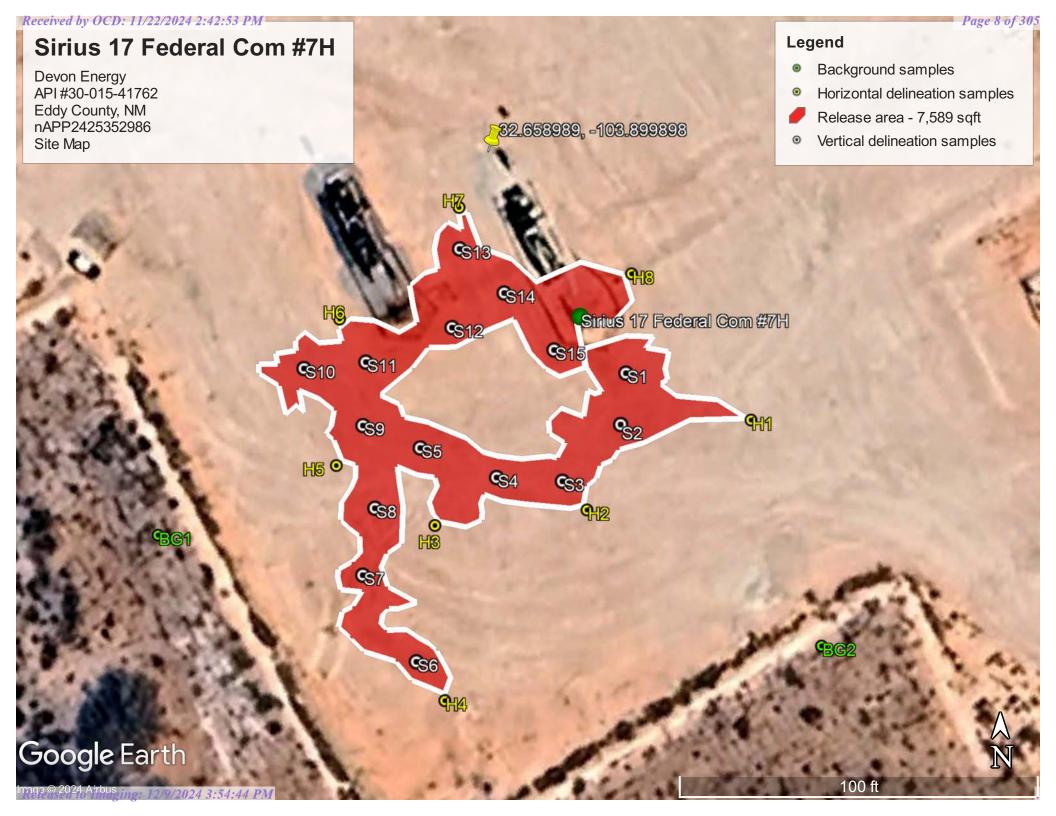
Data Tables

Confirmation Sample Map







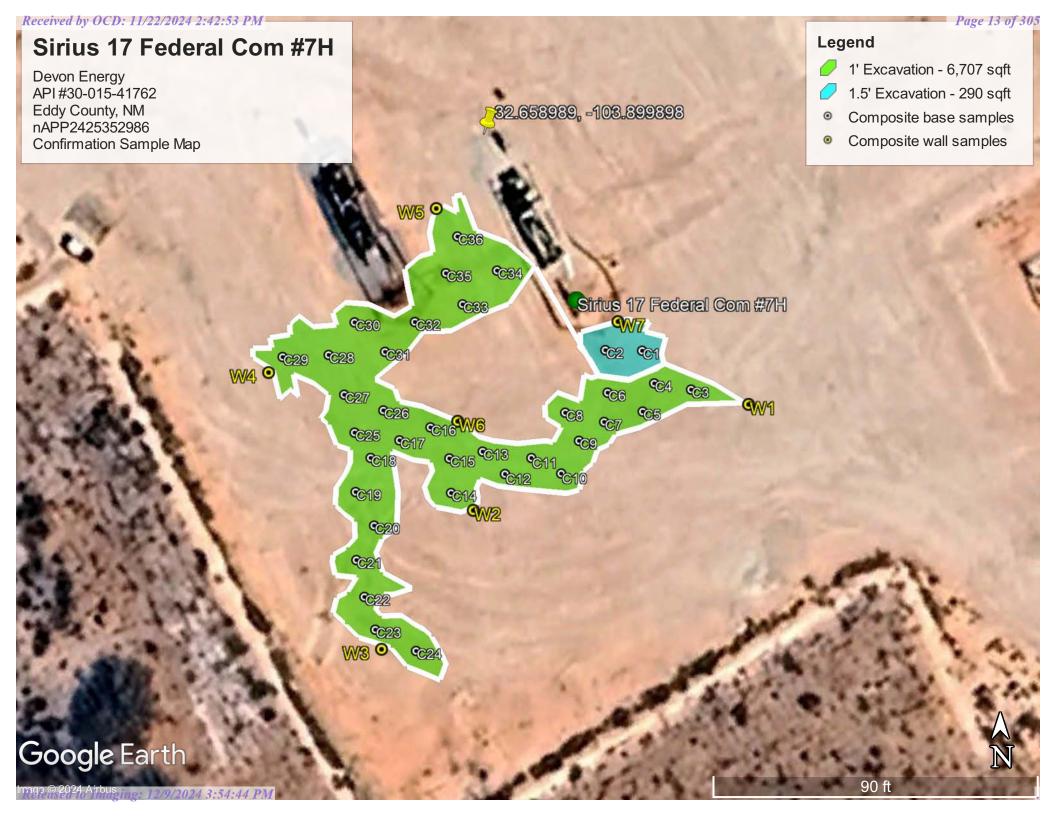


Date: 9/12/24 Sample ID S1-Surface S1-1' S1-2' S1-4'			- Sirius 17 F	ederal Co								
Sample ID S1-Surface S1-1' S1-2'												
S1-Surface S1-1' S1-2'			NM Approved Laboratory Results									
S1-Surface S1-1' S1-2'	(BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl				
S1-1' S1-2'	(500)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
S1-2'	6"	ND	ND	ND	6420	1800	8220	16200				
	1'	ND	ND	ND	1710	525	2235	7490				
S1-4'	2'	ND	ND	ND	ND	ND	0	56.2				
	4'	ND	ND	ND	ND	ND	0	46.3				
S2-Surface	6"	ND	ND	ND	7850	2060	9910	17500				
S2-1'	1'	ND	ND	ND	ND	ND	0	65.2				
S2-2'	2'	ND	ND	ND	30.4	ND	30.4	89.1				
S2-4'	4'	ND	ND	ND	ND	ND	0	89.6				
S3-Surface	6"	ND	ND	ND	9560	2590	12150	19000				
S3-1 [']	1'	ND	ND	ND	ND	ND	0	176				
S3-2'	2'	ND	ND	ND	ND	ND	0	778				
S3-4'	4'	ND	ND	ND	ND	ND	0	68.7				
S4-Surface	6"	ND	ND	ND	6720	1890	8610	16900				
S4-1'	1'	ND	ND	ND	ND	ND	0	4010				
S4-2'	2'	ND	ND	ND	ND	ND	0	1250				
S4-4'	4'	ND	ND	ND	ND	ND	0	84.7				
S5-Surface	6"	ND	ND	ND	7260	2260	9520	18300				
S5-1'	1'	ND	ND	ND	ND	ND	0	3930				
S5-2'	2'	ND	ND	ND	ND	ND	0	1400				
S5-4'	4'	ND	ND	ND	ND	ND	0	ND				
S6-Surface	6"	ND	ND	ND	3690	1840	5530	7630				
S6-1'	1'	ND	ND	ND	ND	69.3	69.3	3840				
S6-2'	2'	0.0746	ND	ND	ND	ND	0	1630				
S6-4'	4'	ND	ND	ND	ND	ND	0	21.6				
S7-Surface	6"	ND	ND	ND	2590	1300	3890	7520				
S7-1'	1'	ND	ND	ND	ND	ND	0	4110				
S7-2'	2'	ND	ND	ND	ND	ND	0	241				
S7-4'	4'	ND	ND	ND	ND	ND	0	ND				
S8-Surface	6"	ND	ND	ND	2240	1090	3330	7640				
S8-1'	1'	ND	ND	ND	ND	ND	0	3140				
S8-2'	2'	ND	ND	ND	ND	ND	0	1670				
S8-4'	4'	ND	ND	ND	ND	ND	0	27				
S9-Surface	6"	ND	ND	ND	4940	2800	7740	8570				
S9-1'	1'	ND	ND	ND	ND	ND	0	ND 36				
S9-2' S9-4'	2' 4'	ND	ND ND	ND	ND	ND	0	47.1				
	6"	ND	ND ND	ND	ND	ND						
S10-Surface S10-1'	1'	ND	ND ND	ND	3970	1870	5840 57	6800 51.2				
S10-1 S10-2'	2'	ND 0.0341	ND ND	ND ND	ND	57 ND	0	32.3				
S10-2 S10-4'	<u>2</u> 4'	0.0341 ND	ND ND	ND ND	ND ND	ND ND	0	43.1				
S11-Surface	6"	ND ND	ND ND	ND ND	1990	612	2602	9980				
S11-3urrace S11-1'	1'	ND ND	ND ND	ND ND	ND	ND	0	ND				
S11-1	2'	ND ND	ND ND	ND ND	ND ND	ND	0	39.3				
S11-2	4'	ND ND	ND ND	ND ND	ND ND	ND ND	0	78.6				

y QCD: 11/22/2 Sample ID	02 00 04b:5	3 PB√EX	Benzene	GRO	DRO	MRO	Total TPH	Cl
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
S12-Surface	6"	ND	ND	ND	2830	1250	4080	8680
S12-1'	1'	ND	ND	ND	ND	ND	0	29.9
S12-2'	2'	ND	ND	ND	ND	ND	0	28.4
S12-4	4'	ND	ND	ND	ND	ND	0	20.2
S13-Surface	6"	ND	ND	ND	3430	1700	5130	8440
S13-1'	1'	ND	ND	ND	ND	ND	0	ND
S13-2'	2'	ND	ND	ND	ND	ND	0	28.1
S13-4'	4'	ND	ND	ND	ND	ND	0	27
S14-Surface	6"	ND	ND	ND	3850	1820	5670	11100
S14-1'	1'	ND	ND	ND	ND	ND	0	ND
S14-2'	2'	ND	ND	ND	ND	ND	0	34.5
S14-4'	4'	ND	ND	ND	ND	ND	0	ND
S15-Surface	6"	ND	ND	ND	ND	ND	0	692
S15-1'	1'	ND	ND	ND	ND	ND	0	206
S15-2'	2'	ND	ND	ND	ND	ND	0	213
S15-4'	4'	ND	ND	ND	ND	ND	0	ND
H1-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
H2-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
H3-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
H4-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
H5-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
H6-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
H7-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
H8-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
BG1-1'	1'	ND	ND	ND	ND	ND	0	ND
BG2-1'	1'	ND	ND	ND	ND	ND	0	ND

ived by OCD: 1NMQ	ed by OCD: 1NMQQQQ4Table 43Qiqqure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
			- Sirius 17 F						
Date: 9/28/24				NM Appro	oved Labora	atory Resu	ilts		
Commis ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl	
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
H1-Surface	6"	ND	ND	ND	ND	ND	ND	ND	
H1-1' 1'		ND	ND	ND	ND	ND	ND	ND	
H1-2'	2'	ND	ND	ND	ND	ND	ND	ND	
H1-4'	4'	ND	ND	ND	ND	ND	ND	ND	
H2-Surface	6"	ND	ND	ND	ND	ND	ND	ND	
H2-1'	1'	ND	ND	ND	ND	ND	ND	ND	
H2-2'	2'	ND	ND	ND	ND	ND	ND	ND	
H2-4'	4'	ND	ND	ND	ND	ND	ND	ND	
H3-Surface	6"	ND	ND	ND	ND	ND	ND	ND	
H3-1'	1'	ND	ND	ND	ND	ND	ND	ND	
H3-2'	2'	ND	ND	ND	ND	ND	ND	ND	
H3-4'	4'	ND	ND	ND	ND	ND	ND	ND	
H4-Surface	6"	ND	ND	ND	ND	ND	ND	ND	
H4-1'	1'	ND	ND	ND	ND	ND	ND	ND	
H4-2'	2'	ND	ND	ND	ND	ND	ND	ND	
H4-4'	4'	ND	ND	ND	ND	ND	ND	ND	
H5-Surface	6"	ND	ND	ND	ND	ND	ND	ND	
H5-1'	1'	ND	ND	ND	ND	ND	ND	ND	
H5-2'	2'	ND	ND	ND	ND	ND	ND	ND	
H5-4'	4'	ND	ND	ND	ND	ND	ND	ND	
H6-Surface	6"	ND	ND	ND	ND	ND	ND	ND	
H6-1'	1'	ND	ND	ND	ND	ND	ND	ND	
H6-2'	2'	ND	ND	ND	ND	ND	ND	ND	
H6-4'	4'	ND	ND	ND	ND	ND	ND	ND	
H7-Surface	6"	ND	ND	ND	ND	ND	ND	ND	
H7-1'	1'	ND	ND	ND	ND	ND	ND	ND	
H7-2'	2'	ND	ND	ND	ND	ND	ND	ND	
H7-4'	4'	ND	ND	ND	ND	ND	ND	ND	
H8-Surface	6"	ND	ND	ND	ND	ND	ND	ND	
H8-1'	1'	ND	ND	ND	ND	ND	ND	ND	
H8-2'	2'	ND	ND	ND	ND	ND	ND	ND	
H8-4'	4'	ND	ND	ND	ND	ND	ND	ND	

NMO	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
	DEVO	N ENERGY	- Sirius 17 F	ederal Co	m #7H - nA	PP242535	2986		
Date: 11/13/24	4			NM Appro	ved Labora	tory Resu	lts		
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl	
Sample 15	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
C1-1.5'	1.5'	ND	ND	ND	ND	ND	ND	64.4	
C2-1.5'	1.5'	ND	ND	ND	ND	ND	ND	108	
C3-1'	1'	ND	ND	ND	54.6	ND	54.6	1130	
C4-1'	1'	ND	ND	ND	ND	ND	ND	492	
C5-1'	1'	ND	ND	ND	ND	ND	ND	2780	
C6-1'	1'	0.0889	ND	ND	ND	ND	ND	2870	
C7-1'	1'	0.072	ND	ND	ND	ND	ND	3030	
C8-1'	1'	ND	ND	ND	ND	ND	ND	3030	
C9-1'	1'	ND	ND	ND	31.3	ND	31.3	860	
C10-1'	1'	ND	ND	ND	ND	ND	ND	25.6	
C11-1'	1'	ND	ND	ND	ND	ND	ND	24.1	
C12-1'	1'	ND	ND	ND	ND	ND	ND	20.7	
C13-1'	1'	ND	ND	ND	ND	ND	ND	21.6	
C14-1'	1'	ND	ND	ND	ND	ND	ND	26.9	
C15-1'	1'	ND	ND	ND	ND	ND	ND	ND	
C16-1'	1'	0.0781	ND	ND	27.4	ND	27.4	746	
C17-1'	1'	ND	ND	ND	25.5	ND	25.5	300	
C18-1'	1'	ND	ND	ND	291	102	393	867	
C19-1'	1'	ND	ND	ND	ND	ND	ND	862	
C20-1'	1'	ND	ND	ND	ND	ND	ND	999	
C21-1'	1'	ND	ND	ND	53.6	ND	53.6	751	
C22-1'	1'	ND	ND	ND	27.6	ND	27.6	828	
C23-1'	1'	ND	ND	ND	ND	ND	ND	1220	
C24-1'	1'	ND	ND	ND	29	ND	ND	955	
C25-1'	1'	ND	ND	ND	30	ND	30	837	
C26-1'	1'	ND	ND	ND	37.6	ND	ND	1090	
C27-1'	1'	ND	ND	ND	ND	ND	ND	955	
C28-1'	1'	ND	ND	ND	ND	ND	ND	782	
C29-1'	1'	ND	ND	ND	102	60.2	162.2	900	
C30-1'	1'	ND	ND	ND	38.3	ND	38.3	970	
C31-1'	1'	ND	ND	ND	ND	ND	ND	739	
C32-1'	1'	ND	ND	ND	37.3	ND	37.3	762	
C33-1'	1'	ND	ND	ND	ND	ND	ND	687	
C34-1'	1'	ND	ND	ND	82.1	ND	82.1	894	
C35-1'	1'	ND	ND	ND	55.3	ND	55.3	998	
C36-1'	1'	ND	ND	ND	ND	ND	ND	904	
W1-1'	1'	ND	ND	ND	ND	ND	ND	1370	
W2-1'	1'	ND	ND	ND	29	ND	29	692	
W3-1'	1'	ND	ND	ND	56	ND	56	878	
W4-1'	1'	ND	ND	ND	29.7	ND	29.7	615	
W5-1'	1'	ND	ND	ND	ND	ND	ND	681	
W6-1'	1'	ND	ND	ND	ND	ND	ND	770	
W7-1.5'	1.5'	ND	ND	ND	33.3	ND	ND	755	





Appendix A

Water Surveys

Water Related Maps



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	Depth Water	
<u>CP 01907 POD1</u>		СР	ED	SE	NE	NE	18	19S	31E	603017.2	3614737.1	•	746			
CP 01943 POD1		CP	ED	NW	SW	NW	20	19S	31E	603217.4	3612883.9	•	1122	55		
CP 01985 POD1		CP	ED	NE	SE	NE	17	19S	31E	604666.5	3614438.3	•	1561	55		
<u>CP 01941 POD1</u>		CP	ED	SW	NE	NE	29	19S	31E	604524.2	3611512.8		2838	55	54	1
<u>CP 00357 POD1</u>		CP	ED	SE	SE	NW	24	19S	30E	600667.0	3612631.0 *		2851	630		

Average Depth to Water: 54 feet

Minimum Depth: **54 feet**

Maximum Depth: 54 feet

Record Count: 5

Basin/County Search:

County: ED

UTM Filters (in meters):

Easting: 603165.85 **Northing:** 3614005.10

Radius: 03000

* 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.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

NO	OSE POD NO. (W		.)		WELL TAG ID N N/A	IO.		OSE FILE NO(S).			
OCATI	WELL OWNER I							PHONE (OPTION 575-748-183				
WELL L	WELL OWNER I 6488 7 River		ADDRESS					CITY Artesia		ST NI	АТЕ М 88210	ZIP
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS)	LA	DITUDE	32 103	MINUTES SECONDS 39 55.76 N			* ACCURACY REQUIRED: ONE * DATUM REQUIRED: WGS 84				
1. GENE	DESCRIPTION	RELATIN	NG WELL LOCATION TO 19S R31S NMPM		54 ESS AND COMM	ON LANDMA		SS (SECTION, TO	WNSHJIP, RA	NGE) WHERE	AVAILABLE	
	LICENSE NO.		NAME OF LICENSEI		ackie D. Atkii	ns			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		NG COMPANY	Inc.
	DRILLING STAR 7/13/202		DRILLING ENDED 7/13/2022	DEPTH OF CO	MPLETED WELL nporary Well		BORE HO	LE DEPTH (FT) ±55	DEPTH WA		NCOUNTERED (FI	r)
N	COMPLETED W	ELL IS:	ARTESIAN	✓ DRY HOL	E SHALI	LOW (UNCO	NFINED)		WATER LEVE PLETED WELL		7/13/2022	C MEASURED 2, 7/1/2022
RMATIC	DRILLING FLUI	ola e	AIR ROTARY HAM	MUD MER CABI	ADDIT	TIVES – SPEC	4.4.7	Hollow Stem	Auger	CHECK HEI	RE IF PITLESS ADA	APTER IS
2. DRILLING & CASING INFORMATION	DEPTH (fe	et bgl)	BORE HOLE DIAM	GRADE CON			ASING NECTION	CASII INSIDE I		CASING WALL THICKNESS	SIZE	
& CASI	(inches) 0 55 ±6.5			note s	sections of scree Boring-HSA	en)		TYPE bling diameter)	(inche	es)	(inches)	(inches)
ILLING												
2. DR										1		
AL.	DEPTH (fe	et bgl)	BORE HOLE DIAM. (inches)		ST ANNULAR VEL PACK SIZ				1000	OUNT ic feet)	METHO PLACE	
AATERL	TROM						1110					
ANNULAR MATERIAL									0520	1.4161	1 2022 PG).	
3. A												
	OSE INTERNA		07. POA 31.18.42	170	-/ POD 1	NO.		WR-2		CORD & L		
LOC	CATION	19.	31.18.4	22				WELL TAG I	D NO.		PAG	E 1 OF 2

	DEPTH (feet bgl)		COLOR AND TYPE OF MATERIAL ENCOUNTERED -	WATER	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	29	29	Sand, Medium/ Fine grained, poorly graded, Light brown	Y ✓N	
	29	44	15	Sand, Medium/ Fine grained, poorly graded, with caliche Light brown / wl	nite Y ✓N	
	44	55	11	Sand, Medium/ Fine grained, poorly graded, Light brown	Y ✓N	
					Y N	
					Y N	
T					Y N	
WEI					Y N	
OF					Y N	
,0G					Y N	
ICI					Y N	
100					Y N	
4. HYDROGEOLOGIC LOG OF WELL					Y N	
ROC					Y N	
HYD					Y N	
4					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
	METHOD U			OF WATER-BEARING STRATA: BAILER OTHER – SPECIFY:	TOTAL ESTIMATED WELL YIELD (gpm):	0.00
z	WELL TES	TEST STAF	RESULTS - ATT	ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INC ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVE	LUDING DISCHARGE	METHOD,
5. TEST; RIG SUPERVISION	MISCELLA	NEOUS IN	FORMATION: To	emporary well material removed and soil boring backfilled using dril elow ground surface(bgs), then hydrated bentonite chips ten feet bgs	Il cuttings from total d to surface.	
5. TEST	PRINT NAM			RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONS	TRUCTION OTHER TH	IAN LICENSEE:
6. SIGNATURE	CORRECT	RECORD C	OF THE ABOVE I	FIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELII DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RI 30 DAYS AFTER COMPLETION OF WELL DRILLING:	EF, THE FOREGOING ECORD WITH THE ST	S A TRUE AND ATE ENGINEER
6. SIGN	Jack A			Jackie D. Atkins	8/4/2022	
		SIGNA	TURE OF DRILLI	ER / PRINT SIGNEE NAME	DATE	
FO	R OSE INTER	NAL USE		WR-20 WEL	L RECORD & LOG (Ve	rsion 01/28/2022
	E NO. 🕡 🖓		404-L		72616	
LO	CATION	10	1.31.18	WELL TAG ID NO.		PAGE 2 OF 2

OSE POD Location Map



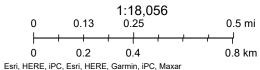
9/10/2024, 11:16:11 AM

GIS WATERS PODs Plugged

Active **OSE District Boundary**

Pending

New Mexico State Trust Lands Connector **Both Estates** Stream River **NHD Flowlines**





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category

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

Click to hideNews Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

• 323810103554201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 323810103554201 19S.30E.25.12133

Available data for this site	Groundwater:	Field measurements	~	GO				
Eddy County, New Mexico								
Hydrologic Unit Code 13060011								
Latitude 32°38'10", Longitude 103°55'42" NAD27								

Land-surface elevation 3,248 feet above NAVD88 The depth of the well is 42 feet below land surface.

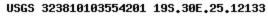
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

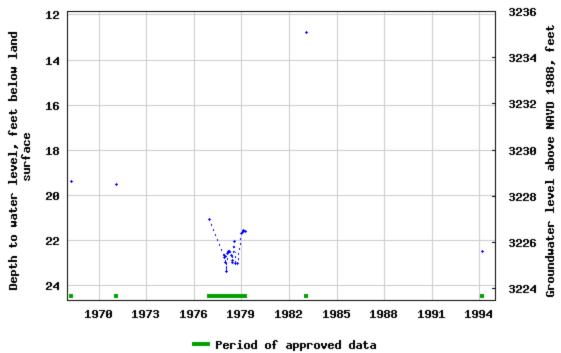
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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

Released to Imaging: 12/9/2024 3:54:44 PM





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

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

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>

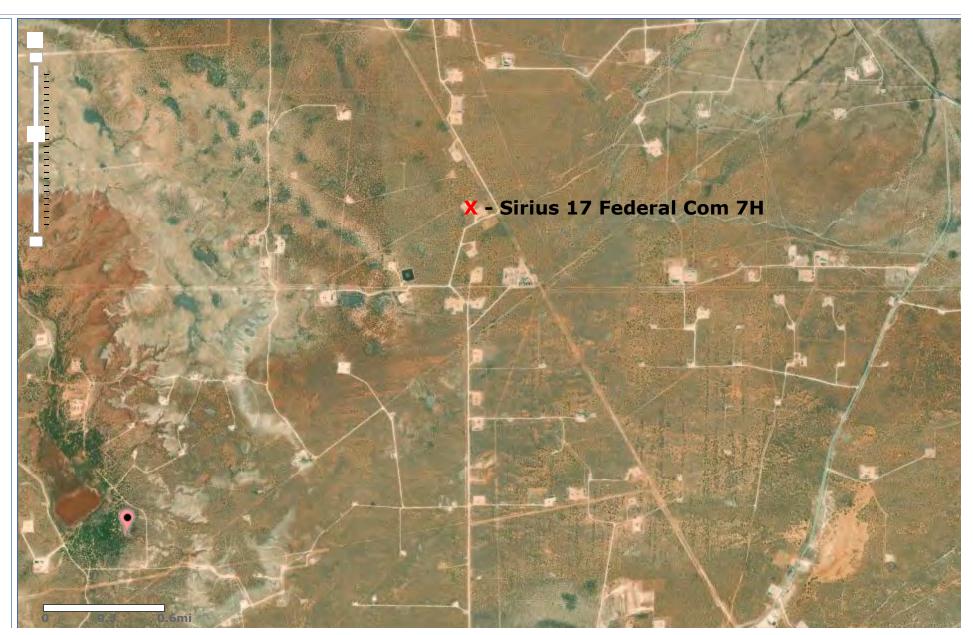
Page Last Modified: 2024-09-10 12:21:40 EDT

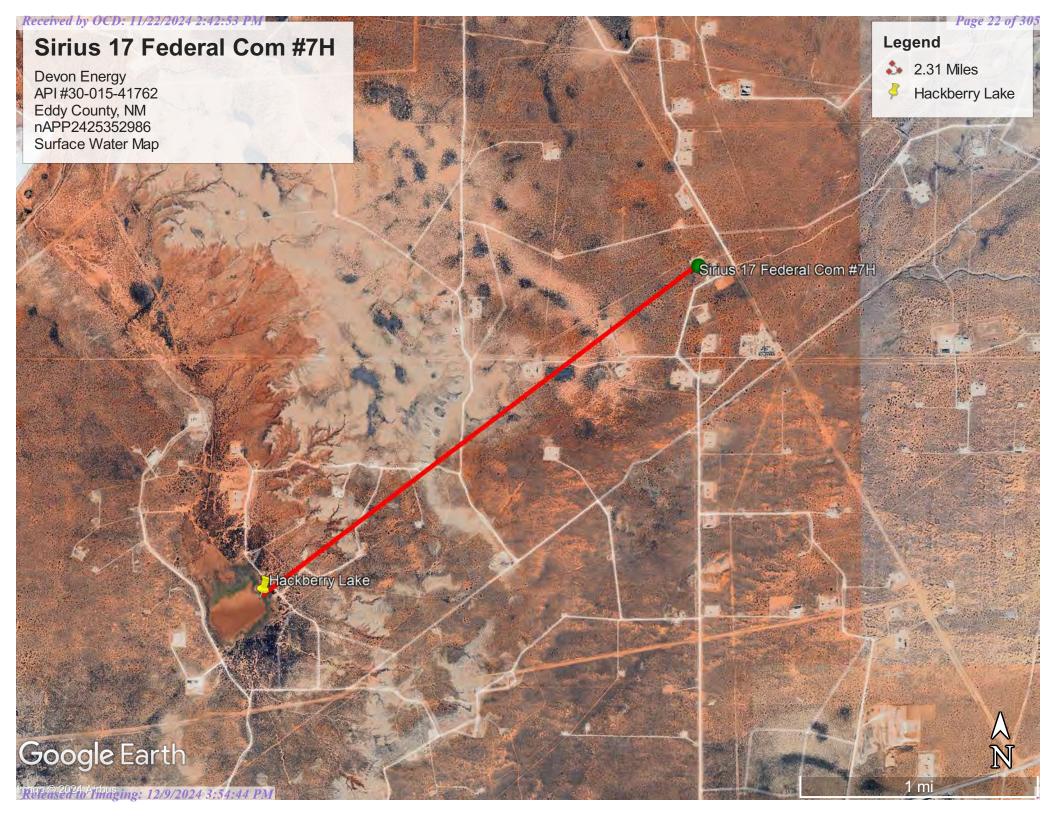
0.65 0.47 nadww02





National Water Information System: Mapper







Wetlands Map



September 21, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine



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

OReleas 250 Im 5 9 Ang: 12/9/2024 3.994:44 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 Area with Flood Risk due to Levee Zone D FLOOD HAZARD 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 | LILLI 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

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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/10/2024 at 12:34 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



2,000



Appendix B

Soil Survey

Soil Map

Geologic Unit Map

Eddy Area, New Mexico

BA—Berino loamy fine sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w42 Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 6 to 14 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 99 percent Minor components: 1 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Berino

Setting

Landform: Plains, fan piedmonts

Landform position (three-dimensional): Riser

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

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 12 inches: loamy fine sand H2 - 12 to 58 inches: sandy clay loam H3 - 58 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

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

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0

mmhos/cm)

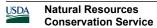
Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 8.4

inches)

Interpretive groups

Land capability classification (irrigated): 3e Land capability classification (nonirrigated): 7e



Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Minor Components

Pajarito

Percent of map unit: 1 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023



MAP LEGEND

â

0

Δ

Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

→ Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023

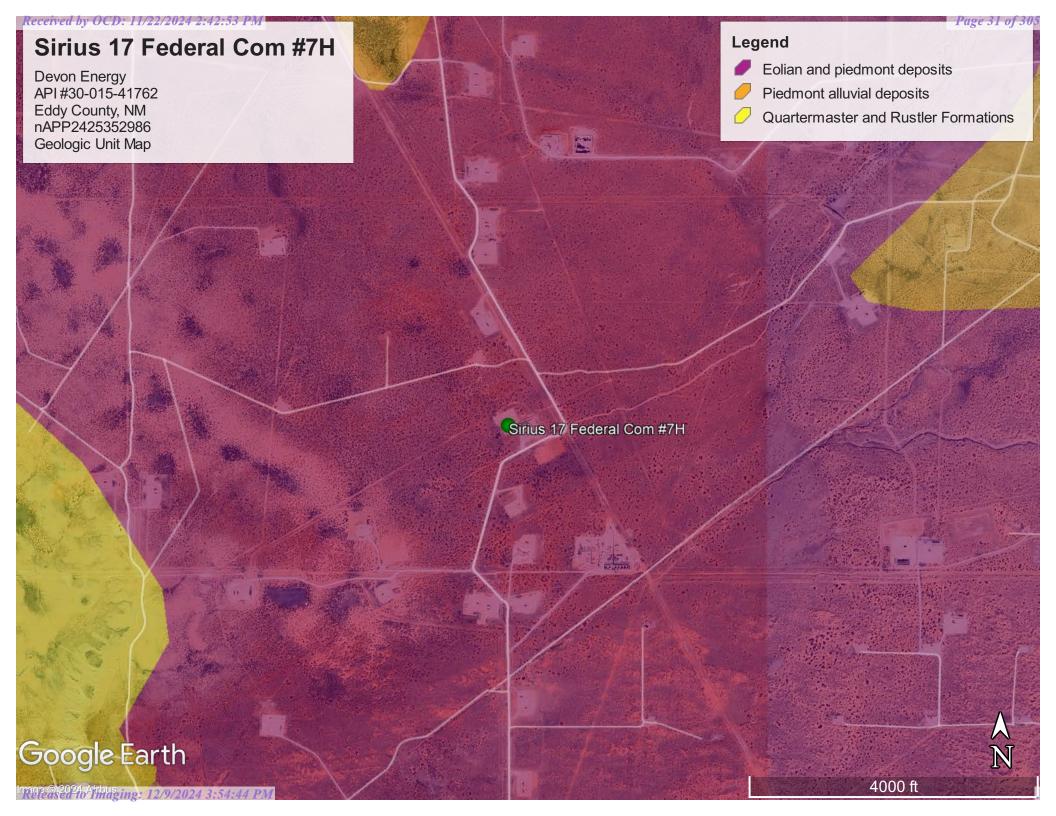
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI	
ВА	Berino loamy fine sand, 0 to 3 percent slopes	8.4	100.0%	
Totals for Area of Interest		8.4	100.0%	





Appendix C

48-Hour Notifications

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

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

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

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

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

QUESTIONS

Action 382060

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	382060
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2425352986
Incident Name	NAPP2425352986 SIRIUS 17 FEDERAL COM #007H @ 30-015-41762
Incident Type	Produced Water Release
Incident Status	Notification Accepted
Incident Well	[30-015-41762] SIRIUS 17 FEDERAL COM #007H

Location of Release Source	
Site Name	SIRIUS 17 FEDERAL COM #007H
Date Release Discovered	09/08/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	6,551	
What is the estimated number of samples that will be gathered	85	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/12/2024	
Time sampling will commence	07:00 AM	
Please provide any information necessary for observers to contact samplers	Maris Loya (575) 416-0639	
Please provide any information necessary for navigation to sampling site	From the intersection of Shugart Road and Lusk Plant Road in Eddy county, travel south/southwest on Shugart Rd for 4.4 miles, turn north on lease road for 2 miles, turn northwest for 690 feet, curve north for 1,460 feet, curve northeast for 350 feet, turn north into location, wellheads are located west of tank battery.	

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

District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Action 382060

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 382060
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	Condition	Condition
Ву		Date
wdale	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.	9/10/2024

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

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

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

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

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

QUESTIONS

Action 401315

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	401315
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2425352986
Incident Name	NAPP2425352986 SIRIUS 17 FEDERAL COM #007H @ 30-015-41762
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-41762] SIRIUS 17 FEDERAL COM #007H

Location of Release Source	
Site Name SIRIUS 17 FEDERAL COM #007H	
Date Release Discovered	09/08/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	6,997	
What is the estimated number of samples that will be gathered	43	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/13/2024	
Time sampling will commence	01:30 PM	
Please provide any information necessary for observers to contact samplers	Maris Loya (575) 416-0639	
Please provide any information necessary for navigation to sampling site	32.658989, -103.899898	

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

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

District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Action 401315

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	401315
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	Condition	Condition
ву		Date
jraley	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.	11/11/2024



Appendix D

Photographic Documentation





Release area between pump jacks



Release area SE



Release area Aerial 1



Release area Aerial 2



Release area Aerial 3



Release area Aerial 4

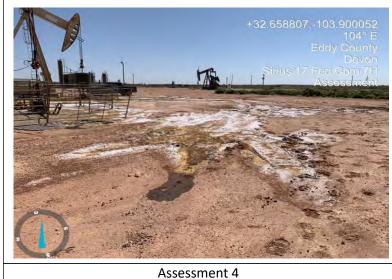


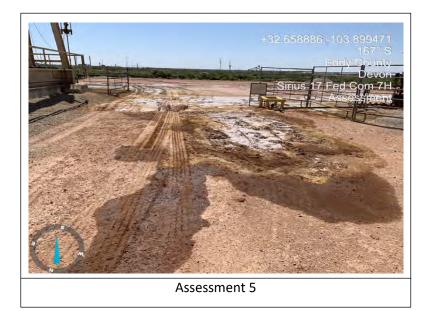
Assessment 1





Assessment 3





Released to Imaging: 12/9/2024 3:54:44 PM







Assessment 7







Assessment 10



Flagging/Marking 1



Flagging/Marking 2



Flagging/Marking 3



Flagging/Marking 4



Kickoff Excavation 1



Kickoff Excavation 2



Kickoff Excavation 3



Kickoff Excavation 4











Rain Delay 3



Rain Delay 4



Excavation Aerial 1





Excavation Aerial 3



Excavation Aerial 4



Resume Excavation 1



Resume Excavation 2



Resume Excavation 3



Resume Excavation 4

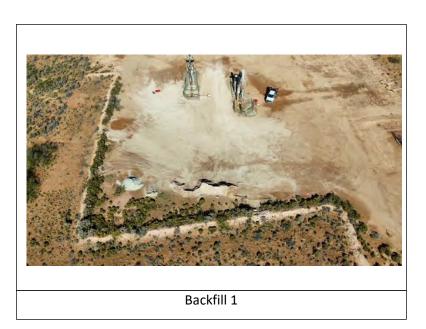


Resume Excavation 5

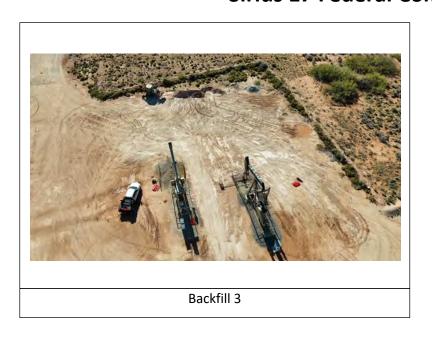


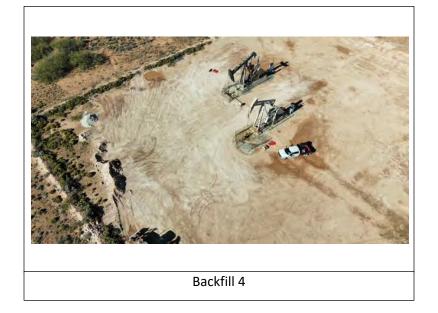














Appendix E

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: Sirius 17 Federal Com #7H

Work Order: E409111

Job Number: 01058-0007

Received: 9/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/20/24

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: 9/20/24

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Sirius 17 Federal Com #7H

Workorder: E409111

Date Received: 9/16/2024 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/16/2024 7:30:00AM, under the Project Name: Sirius 17 Federal Com #7H.

The analytical test results summarized in this report with the Project Name: Sirius 17 Federal Com #7H 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

Field Offices:

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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:	Sirius 17 Federal Com #7H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/20/24 14:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - Surface	E409111-01A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S1 - 1'	E409111-02A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S1 - 2'	E409111-03A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S1 - 4'	E409111-04A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S2 - Surface	E409111-05A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S2 - 1'	E409111-06A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S2 - 2'	E409111-07A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S2 - 4'	E409111-08A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S3 - Surface	E409111-09A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S3 - 1'	E409111-10A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S3 - 2'	E409111-11A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S3 - 4'	E409111-12A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S4 - Surface	E409111-13A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S4 - 1'	E409111-14A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S4 - 2'	E409111-15A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S4 - 4'	E409111-16A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S5 - Surface	E409111-17A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S5 - 1'	E409111-18A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S5 - 2'	E409111-19A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S5 - 4'	E409111-20A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S1 - Surface E409111-01

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Benzene	ND	0.0250	1		09/19/24	09/20/24	
Ethylbenzene	ND	0.0250	1		09/19/24	09/20/24	
Toluene	ND	0.0250	1	l	09/19/24	09/20/24	
o-Xylene	ND	0.0250	1	l	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500	1	l	09/19/24	09/20/24	
Total Xylenes	ND	0.0250	1		09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		109 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		109 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
Diesel Range Organics (C10-C28)	6420	50.0	2	2	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	1800	100	2	2	09/14/24	09/18/24	
Surrogate: n-Nonane		97.1 %	50-200		09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2438013
	16200	200	1		09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S1 - 1'

E409111-02							
Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2438003
Benzene	ND	0.0250		1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250		1	09/19/24	09/20/24	
Toluene	ND	0.0250		1	09/19/24	09/20/24	
o-Xylene	ND	0.0250		1	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500		1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250		1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		110 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		108 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		110 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		108 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2437114
Diesel Range Organics (C10-C28)	1710	25.0		1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	525	50.0		1	09/14/24	09/18/24	
Surrogate: n-Nonane		93.5 %	50-200		09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2438013
Chloride	7490	200	1	0	09/16/24	09/16/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S1 - 2'

E409111-03							
	Reporting	Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2438003
Benzene	ND	0.0250		1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250		1	09/19/24	09/20/24	
Toluene	ND	0.0250		1	09/19/24	09/20/24	
o-Xylene	ND	0.0250		1	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500		1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250		1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		107 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		107 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2437114
Diesel Range Organics (C10-C28)	ND	25.0		1	09/14/24	09/18/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	09/14/24	09/18/24	
Surrogate: n-Nonane		87.7 %	50-200		09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2438013
Chloride	56.2	20.0		1	09/16/24	09/16/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S1 - 4'

E409111-04

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Benzene	ND	0.0250		1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250		1	09/19/24	09/20/24	
Toluene	ND	0.0250		1	09/19/24	09/20/24	
o-Xylene	ND	0.0250		1	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500		1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250		1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		109 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		108 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		109 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		108 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
Diesel Range Organics (C10-C28)	ND	25.0		1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/14/24	09/18/24	
Surrogate: n-Nonane		95.7 %	50-200		09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2438013
Chloride	46.3	20.0		1	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S2 - Surface E409111-05

Analyzed Notes Batch: 2438003 09/20/24 09/20/24
Batch: 2438003 09/20/24 09/20/24
09/20/24 09/20/24
09/20/24
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09/20/24
09/20/24
09/20/24
Batch: 2438003
09/20/24
09/20/24
09/20/24
09/20/24
Batch: 2437114
09/18/24
09/18/24
09/18/24
Batch: 2438013
09/16/24



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S2 - 1'

E409111-06

		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Benzene	ND	0.0250		1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250		1	09/19/24	09/20/24	
Toluene	ND	0.0250		1	09/19/24	09/20/24	
o-Xylene	ND	0.0250		1	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500		1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250	<u> </u>	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		106 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		106 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
Diesel Range Organics (C10-C28)	ND	25.0		1	09/14/24	09/19/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	09/14/24	09/19/24	
Surrogate: n-Nonane		90.2 %	50-200		09/14/24	09/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2438013
Allions by EFA 300.0/9030A	88	8 8					



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S2 - 2'

E409	111	_07
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		Reporting	·				
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Benzene	ND	0.0250	1	1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250	1	1	09/19/24	09/20/24	
Toluene	ND	0.0250	1	1	09/19/24	09/20/24	
o-Xylene	ND	0.0250	1	1	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500	1	1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250	1	l	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		105 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		105 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		105 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		105 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
Diesel Range Organics (C10-C28)	30.4	25.0	1	1	09/14/24	09/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/14/24	09/19/24	
Surrogate: n-Nonane		90.6 %	50-200		09/14/24	09/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2438013
Chloride	89.1	20.0	1		09/16/24	09/16/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S2 - 4'

E409111-08

	E407111-00					
Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
		1	1	09/19/24	09/20/24	
ND	0.0250	1	1	09/19/24	09/20/24	
ND	0.0250	1	1	09/19/24	09/20/24	
ND	0.0250	1	1	09/19/24	09/20/24	
ND	0.0500	1	1	09/19/24	09/20/24	
ND	0.0250	1	1	09/19/24	09/20/24	
	106 %	70-130		09/19/24	09/20/24	
	90.2 %	70-130		09/19/24	09/20/24	
	108 %	70-130		09/19/24	09/20/24	
mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
ND	20.0	1	1	09/19/24	09/20/24	
	106 %	70-130		09/19/24	09/20/24	
	90.2 %	70-130		09/19/24	09/20/24	
	108 %	70-130		09/19/24	09/20/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
ND	25.0	1	1	09/14/24	09/19/24	
ND	50.0	1	1	09/14/24	09/19/24	
	90.9 %	50-200		09/14/24	09/19/24	
mg/kg	mg/kg		Analyst:	WF		Batch: 2438013
· · · · ·	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 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 106 % 90.2 % 108 % mg/kg ND 20.0 106 % 90.2 % 108 % mg/kg ND 25.0 ND 25.0 ND 50.0	Reporting Result Limit Dilu 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 106 % 70-130 90.2 % 70-130 108 % 70-130 90.2 % 70-130 108 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 90.9 % 50-200	Reporting 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 1 106 % 70-130 90.2 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 106 % 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 90.9 % 50-200	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/24 ND 0.0250 1 09/19/24 ND 0.0250 1 09/19/24 ND 0.0500 1 09/19/24 ND 0.0500 1 09/19/24 ND 0.0250 1 09/19/24 90.2 % 70-130 09/19/24 90.2 % 70-130 09/19/24 108 % 70-130 09/19/24 90.2 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 <	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0500 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 90.2 % 70-130 09/19/24 09/20/24 90.2 % 70-130 09/19/24 09/20/24 mg/kg mg/kg Analyst: IY ND 20.0 1 09/19/24 09/20/24 90.2 % 70-130 09/19/24 09/20/24 90.2 % 70-130 09/19/24 09/20/24 mg/kg mg/kg Analyst: NV



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S3 - Surface E409111-09

Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilutio	п гтератей	Ananyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2438003
Benzene	ND	0.0250	1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250	1	09/19/24	09/20/24	
Toluene	ND	0.0250	1	09/19/24	09/20/24	
-Xylene	ND	0.0250	1	09/19/24	09/20/24	
o,m-Xylene	ND	0.0500	1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250	1	09/19/24	09/20/24	
Gurrogate: Bromofluorobenzene		109 %	70-130	09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	09/19/24	09/20/24	
Surrogate: Toluene-d8		106 %	70-130	09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		109 %	70-130	09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	09/19/24	09/20/24	
Surrogate: Toluene-d8		106 %	70-130	09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2437114
Diesel Range Organics (C10-C28)	9560	250	10	09/14/24	09/19/24	
Dil Range Organics (C28-C36)	2590	500	10	09/14/24	09/19/24	
iurrogate: n-Nonane		102 %	50-200	09/14/24	09/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: WF		Batch: 2438013
Chloride	19000	200	10	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S3 - 1'

		E409111-10					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Benzene	ND	0.0250		1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250		1	09/19/24	09/20/24	
Toluene	ND	0.0250		1	09/19/24	09/20/24	
o-Xylene	ND	0.0250		1	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500		1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250		1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		108 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		106 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		108 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		106 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
Diesel Range Organics (C10-C28)	ND	25.0		1	09/14/24	09/19/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/14/24	09/19/24	
Surrogate: n-Nonane		92.6 %	50-200		09/14/24	09/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2438013

20.0

09/16/24

09/16/24

176



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S3 - 2'

		E409111-11				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2438003
Benzene	ND	0.0250	1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250	1	09/19/24	09/20/24	
Toluene	ND	0.0250	1	09/19/24	09/20/24	
o-Xylene	ND	0.0250	1	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500	1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130	09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	09/19/24	09/20/24	
Surrogate: Toluene-d8		107 %	70-130	09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130	09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	09/19/24	09/20/24	
Surrogate: Toluene-d8		107 %	70-130	09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2437114
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/19/24	
Surrogate: n-Nonane		90.1 %	50-200	09/14/24	09/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: WF		Batch: 2438013
-						

20.0

09/16/24

09/16/24

778

Chloride

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S3 - 4'

E409111-12

	12-10/111-12					
Dk	Reporting	D.i.		D 1	A I 1	Notes
Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
ND	0.0250		1	09/19/24	09/20/24	
ND	0.0250		1	09/19/24	09/20/24	
ND	0.0250		1	09/19/24	09/20/24	
ND	0.0250		1	09/19/24	09/20/24	
ND	0.0500		1	09/19/24	09/20/24	
ND	0.0250	1	1	09/19/24	09/20/24	
	108 %	70-130		09/19/24	09/20/24	
	91.7 %	70-130		09/19/24	09/20/24	
	108 %	70-130		09/19/24	09/20/24	
mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
ND	20.0	:	1	09/19/24	09/20/24	
	108 %	70-130		09/19/24	09/20/24	
	91.7 %	70-130		09/19/24	09/20/24	
	108 %	70-130		09/19/24	09/20/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
ND	25.0		1	09/14/24	09/19/24	
ND	50.0		1	09/14/24	09/19/24	
	92.4 %	50-200		09/14/24	09/19/24	
/1			Analyet.	WF		Batch: 2438013
mg/kg	mg/kg		7 thaiyst.	***		Butch: 2 130013
	ND N	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO8 % 91.7 % 108 % 108 % MD 20.0 IO8 % 91.7 % 108 % 108 % MD 25.0 ND 50.0 92.4 %	Reporting Limit Dilition mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IOB % 70-130 91.7 % 70-130 108 % 70-130 mg/kg mg/kg ND 20.0 108 % 70-130 91.7 % 70-130 108 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 92.4 % 50-200	Reporting Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 108 % 70-130 91.7 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 108 % 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 92.4 % 50-200	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/24 ND 0.0250 1 09/19/24 ND 0.0250 1 09/19/24 ND 0.0500 1 09/19/24 ND 0.0250 1 09/19/24 ND 0.0250 1 09/19/24 91.7 % 70-130 09/19/24 91.7 % 70-130 09/19/24 108 % 70-130 09/19/24 91.7 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 108 % 70-130 09/19/24 <	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0500 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 91.7 % 70-130 09/19/24 09/20/24 91.7 % 70-130 09/19/24 09/20/24 mg/kg mg/kg Analyst: IY ND 20.0 1 09/19/24 09/20/24 91.7 % 70-130 09/19/24 09/20/24 91.8 % 70-130 09/19/24 09/20/24 mg/kg mg/kg Analyst: NV



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S4 - Surface E409111-13

		E407111-13					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2438003
Benzene	ND	0.0250	1	1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250	1	1	09/19/24	09/20/24	
Toluene	ND	0.0250	1	1	09/19/24	09/20/24	
o-Xylene	ND	0.0250	1	1	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500	1	1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250	1	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		106 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		107 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Г	Y		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		106 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		107 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	IV		Batch: 2437114
Diesel Range Organics (C10-C28)	6720	125	5	5	09/14/24	09/19/24	
Oil Range Organics (C28-C36)	1890	250	5	5	09/14/24	09/19/24	
Surrogate: n-Nonane		98.8 %	50-200		09/14/24	09/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: V	VF		Batch: 2438013
Chloride	16900	200	10	0	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S4 - 1'

		E409111-14					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Benzene	ND	0.0250	1	1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250	1	1	09/19/24	09/20/24	
Toluene	ND	0.0250	1	1	09/19/24	09/20/24	
o-Xylene	ND	0.0250	1	1	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500	1	1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250	1	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		108 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		104 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		108 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		104 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/14/24	09/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/14/24	09/19/24	
Surrogate: n-Nonane		93.2 %	50-200		09/14/24	09/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2438013

40.0

2

09/16/24

09/16/24

4010



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S4 - 2' E409111-15

D. I	Reporting	D.1		D 1		N.
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
ND	0.0250		1	09/19/24	09/20/24	
ND	0.0250		1	09/19/24	09/20/24	
ND	0.0250		1	09/19/24	09/20/24	
ND	0.0250		1	09/19/24	09/20/24	
ND	0.0500		1	09/19/24	09/20/24	
ND	0.0250		1	09/19/24	09/20/24	
	109 %	70-130		09/19/24	09/20/24	
	97.0 %	70-130		09/19/24	09/20/24	
	105 %	70-130		09/19/24	09/20/24	
mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
ND	20.0		1	09/19/24	09/20/24	
	109 %	70-130		09/19/24	09/20/24	
	97.0 %	70-130		09/19/24	09/20/24	
	105 %	70-130		09/19/24	09/20/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
ND	25.0		1	09/14/24	09/19/24	
ND	50.0		1	09/14/24	09/19/24	
	94.4 %	50-200	·	09/14/24	09/19/24	
mg/kg	mg/kg		Analyst	WF		Batch: 2438013
1250	20.0		1	09/16/24	09/16/24	
	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 IO9 % 97.0 % 105 % mg/kg MD 20.0 109 % 97.0 % 105 % mg/kg MD 25.0 ND 50.0 94.4 % mg/kg mg/kg mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 109 % 70-130 97.0 % 70-130 105 % 70-130 mg/kg mg/kg ND 20.0 105 % 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 ND 70-130 1 97.0 % 70-130 70-130 mg/kg mg/kg Analyst: ND 20.0 1 109 % 70-130 70-130 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 94.4 % 50-200 mg/kg Mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/24 ND 0.0250 1 09/19/24 ND 0.0250 1 09/19/24 ND 0.0250 1 09/19/24 ND 0.0500 1 09/19/24 ND 0.0250 1 09/19/24 ND 70-130 09/19/24 97.0 % 70-130 09/19/24 105 % 70-130 09/19/24 mg/kg mg/kg Analyst: IY ND 20.0 1 09/19/24 97.0 % 70-130 09/19/24 105 % 70-130 09/19/24 105 % 70-130 09/19/24 105 % 70-130 09/19/24 105 % 70-130 09/19/24 105 % 70-130 09/19/24 ND 25.0 1 09/14/24 ND 50.0	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/24 09/20/24 ND 0.0500 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 97.0 % 70-130 09/19/24 09/20/24 97.0 % 70-130 09/19/24 09/20/24 mg/kg mg/kg Analyst: NV ND 25.0 1 09/19/24 09/20/24 nD 50.0 1 09/14/24 09/19/24 ND 50.0 1 09/14/24 09/19/24 <t< td=""></t<>



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S4 - 4' E409111-16

Reporting Analyte Result Limit Dilution Prepared Analyzed Notes Analyst: IY Batch: 2438003 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 09/19/24 09/19/24 ND 0.0250 Benzene 09/19/24 09/19/24 1 Ethylbenzene ND 0.0250ND 0.02501 09/19/24 09/19/24 Toluene 1 09/19/24 09/19/24 ND o-Xylene 0.02501 09/19/24 09/19/24 ND 0.0500 p,m-Xylene 09/19/24 09/19/24 1 Total Xylenes ND 0.025009/19/24 09/19/24 Surrogate: Bromofluorobenzene $108\,\%$ 70-130 09/19/24 09/19/24 Surrogate: 1,2-Dichloroethane-d4 90.2 % 70-130 Surrogate: Toluene-d8 108 % 70-130 09/19/24 09/19/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2438003 ND 1 09/19/24 09/19/24 20.0 Gasoline Range Organics (C6-C10) 09/19/24 Surrogate: Bromofluorobenzene108 % 09/19/24 70-130 Surrogate: 1.2-Dichloroethane-d4 90.2 % 70-130 09/19/24 09/19/24

Surrogue. 1,2-Dictioroethane-u4		90.2 /0	70-130	02/12/24	07/17/24	
Surrogate: Toluene-d8		108 %	70-130	09/19/24	09/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2437114
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/19/24	
Surrogate: n-Nonane		97.4 %	50-200	09/14/24	09/19/24	
A EDA 200 0/005CA	ma/lea	ma/lea		Analyet: WE		Datah, 2/28012

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2438013
Chloride	84.7	20.0	1	09/16/24	09/16/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S5 - Surface E409111-17

		E409111-17				
	D 1:	Reporting		D 1		N
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2438003
Benzene	ND	0.0250	1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250	1	09/19/24	09/20/24	
Toluene	ND	0.0250	1	09/19/24	09/20/24	
o-Xylene	ND	0.0250	1	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500	1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		105 %	70-130	09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	09/19/24	09/20/24	
Surrogate: Toluene-d8		107 %	70-130	09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		105 %	70-130	09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	09/19/24	09/20/24	
Surrogate: Toluene-d8		107 %	70-130	09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2437114
Diesel Range Organics (C10-C28)	7260	125	5	09/14/24	09/19/24	_
Oil Range Organics (C28-C36)	2260	250	5	09/14/24	09/19/24	
Surrogate: n-Nonane		104 %	50-200	09/14/24	09/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: WF		Batch: 2438013



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S5 - 1'

E409111-18

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Benzene	ND	0.0250	1	1	09/19/24	09/20/24	
Ethylbenzene	ND	0.0250	1	1	09/19/24	09/20/24	
Toluene	ND	0.0250	1	1	09/19/24	09/20/24	
o-Xylene	ND	0.0250	1	1	09/19/24	09/20/24	
p,m-Xylene	ND	0.0500	1	1	09/19/24	09/20/24	
Total Xylenes	ND	0.0250	1	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		106 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		106 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/14/24	09/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/14/24	09/19/24	
Surrogate: n-Nonane		93.1 %	50-200		09/14/24	09/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2438013
Chloride	3930	40.0		2	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S5 - 2'

E409111-19

	E-to) III 1)					
Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
ND	0.0250	1	1	09/19/24	09/20/24	
ND	0.0250	1	1	09/19/24	09/20/24	
ND	0.0250	1	1	09/19/24	09/20/24	
ND	0.0250	1	1	09/19/24	09/20/24	
ND	0.0500	1	1	09/19/24	09/20/24	
ND	0.0250	1	1	09/19/24	09/20/24	
	108 %	70-130		09/19/24	09/20/24	
	97.2 %	70-130		09/19/24	09/20/24	
	106 %	70-130		09/19/24	09/20/24	
mg/kg	mg/kg		Analyst: IY			Batch: 2438003
ND	20.0	1	1	09/19/24	09/20/24	
	108 %	70-130		09/19/24	09/20/24	
	97.2 %	70-130		09/19/24	09/20/24	
	106 %	70-130		09/19/24	09/20/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
ND	25.0	1	1	09/14/24	09/19/24	
ND	50.0	1	1	09/14/24	09/19/24	
	91.3 %	50-200		09/14/24	09/19/24	
mg/kg	mg/kg		Analyst:	WF		Batch: 2438013
	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 I08 % 97.2 % 106 % mg/kg ND 20.0 I08 % 97.2 % 106 % 106 % mg/kg mg/kg ND 25.0 ND 50.0	Reporting Result Limit Dilu mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 I08 % 70-130 97.2 % 70-130 106 % 70-130 mg/kg mg/kg ND 20.0 106 % 70-130 106 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0	Reporting Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 108 % 70-130 97.2 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 108 % 70-130 1 mg/kg 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1	Reporting Result Limit Dilution Prepared mg/kg Analyst: IY ND 0.0250 1 09/19/24 ND 0.0250 1 09/19/24 ND 0.0250 1 09/19/24 ND 0.0250 1 09/19/24 ND 0.0500 1 09/19/24 ND 0.0250 1 09/19/24 97.2 % 70-130 09/19/24 97.2 % 70-130 09/19/24 106 % 70-130 09/19/24 97.2 % 70-130 09/19/24 97.2 % 70-130 09/19/24 106 % 70-130 09/19/24 106 % 70-130 09/19/24 106 % 70-130 09/19/24 106 % 70-130 09/19/24 106 % 70-130 09/19/24 106 % 70-130 09/19/24 106 % 70-130 09/19/24 106 % <	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0500 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 ND 0.0250 1 09/19/24 09/20/24 97.2 % 70-130 09/19/24 09/20/24 97.2 % 70-130 09/19/24 09/20/24 mg/kg mg/kg Analyst: IY ND 20.0 1 09/19/24 09/20/24 97.2 % 70-130 09/19/24 09/20/24 106 % 70-130 09/19/24 09/20/24 mg/kg mg/kg Analyst: NV



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/20/2024 2:28:32PM

S5 - 4'

E409111-20

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Benzene	ND	0.0250	1		09/19/24	09/20/24	
Ethylbenzene	ND	0.0250	1		09/19/24	09/20/24	
Toluene	ND	0.0250	1	l	09/19/24	09/20/24	
o-Xylene	ND	0.0250	1		09/19/24	09/20/24	
p,m-Xylene	ND	0.0500	1		09/19/24	09/20/24	
Total Xylenes	ND	0.0250	1		09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		107 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2438003
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/19/24	09/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/24	09/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/19/24	09/20/24	
Surrogate: Toluene-d8		107 %	70-130		09/19/24	09/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437114
Diesel Range Organics (C10-C28)	ND	25.0	1		09/14/24	09/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/14/24	09/19/24	
Surrogate: n-Nonane		94.7 %	50-200		09/14/24	09/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2438013
					09/16/24	09/16/24	



QC Summary Data

Sirius 17 Federal Com #7H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 9/20/2024 2:28:32PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Prepared: 09/19/24 Analyzed: 09/19/24 Blank (2438003-BLK1) ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.531 0.500 106 70-130 Surrogate: 1,2-Dichloroethane-d4 0.467 0.500 93.3 70-130 0.500 107 70-130 Surrogate: Toluene-d8 0.537 LCS (2438003-BS1) Prepared: 09/19/24 Analyzed: 09/19/24 2.12 0.0250 2.50 84.9 70-130 Benzene 2.50 70-130 2.16 86.2 Ethylbenzene 0.0250 2.20 0.0250 2.50 88.2 70-130 70-130 2.20 0.0250 2.50 88.1 o-Xylene 4.38 5.00 87.7 70-130 p,m-Xylene 0.0500 6.58 0.0250 7.50 87.8 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.537 0.500 107 70-130 0.500 95.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.478 70-130 Surrogate: Toluene-d8 0.500 0.532 Matrix Spike (2438003-MS1) Source: E409111-16 Prepared: 09/19/24 Analyzed: 09/19/24 2.26 0.0250 2.50 ND 90.2 48-131 45-135 Ethylbenzene 2.30 0.0250 2.50 ND 92.1 48-130 Toluene 2.35 0.0250 2.50 ND 94.1 2.32 0.0250 2.50 ND 92.7 43-135 o-Xylene ND 92.8 43-135 p,m-Xylene 4.64 0.0500 5.00 Total Xylenes 6.96 0.0250 7.50 ND 92.8 43-135 0.534 0.500 107 70-130 Surrogate: Bromofluorobenzene 0.471 0.500 94.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.539 Surrogate: Toluene-d8 Matrix Spike Dup (2438003-MSD1) Source: E409111-16 Prepared: 09/19/24 Analyzed: 09/19/24 0.622 2.24 0.0250 2.50 ND 89.7 48-131 23 2.27 0.0250 2.50 ND 90.7 45-135 1.60 27 Ethylbenzene ND 48-130 2.76 24

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0500

0.0250

91.6

92.7

92.4

92.5

109

98.1

43-135

43-135

43-135

70-130

70-130

70-130

0.0432

0.421

0.295

27

27

27

ND

ND

ND



Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.29

2.32

4.62

6.94

0.547

0.491

0.525

Surrogate: Toluene-d8

0.545

QC Summary Data

Sirius 17 Federal Com #7H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007

Plains TX, 79355-0247		Project Manager		m Bynum					9/20/2024 2:28:32PM
	Non	halogenated (Organics l	oy EPA 80	15D - GF	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438003-BLK1)							Prepared: 0	9/19/24	Analyzed: 09/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			
LCS (2438003-BS2)							Prepared: 0	9/19/24	Analyzed: 09/19/24
Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.3	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			
Matrix Spike (2438003-MS2)				Source:	E409111-1	6	Prepared: 0	9/19/24	Analyzed: 09/19/24
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130			
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.7	70-130			
Surrogate: Toluene-d8	0.556		0.500		111	70-130			
Matrix Spike Dup (2438003-MSD2)				Source:	E409111-1	6	Prepared: 0	9/19/24	Analyzed: 09/19/24
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130	0.540	20	
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.448		0.500		89.6	70-130			

0.500

109

70-130

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247 Plains TX, 79355-0247	Project Number: Project Manager:	01058-0007 Tom Bynum	9/20/2024 2:28:32PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				9.	/20/2024 2:28:32PN
	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 (2437114-BLK1)							Prepared: 0	9/14/24 Ana	alyzed: 09/18/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.4		50.0		94.7	50-200			
LCS (2437114-BS1)							Prepared: 0	9/14/24 Ana	alyzed: 09/18/24
Diesel Range Organics (C10-C28)	178	25.0	250		71.0	38-132			
Surrogate: n-Nonane	48.5		50.0		96.9	50-200			
Matrix Spike (2437114-MS1)				Source:	E409111-	19	Prepared: 0	9/14/24 Ana	alyzed: 09/18/24
Diesel Range Organics (C10-C28)	200	25.0	250	ND	79.9	38-132			
Surrogate: n-Nonane	49.5		50.0		99.1	50-200			
Matrix Spike Dup (2437114-MSD1)				Source:	E409111-	19	Prepared: 0	9/14/24 Ana	alyzed: 09/18/24
Diesel Range Organics (C10-C28)	195	25.0	250	ND	78.1	38-132	2.24	20	
Surrogate: n-Nonane	51.8		50.0		104	50-200			

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	irius 17 Federa 1058-0007 'om Bynum	al Com #7I	I			Reported: 9/20/2024 2:28:32PM
		Anions	by EPA	300.0/9056 <i>A</i>	A				Analyst: WF
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2438013-BLK1)							Prepared: 0	9/16/24	Analyzed: 09/16/24
Chloride	ND	20.0							
LCS (2438013-BS1)							Prepared: 0	9/16/24	Analyzed: 09/16/24
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2438013-MS1)				Source:	E409111-1	1	Prepared: 0	9/16/24	Analyzed: 09/16/24
Chloride	1010	20.0	250	778	91.6	80-120			
Matrix Spike Dup (2438013-MSD1)				Source:	E409111-1	1	Prepared: 0	9/16/24	Analyzed: 09/16/24
Chloride	1020	20.0	250	778	95.9	80-120	1.07	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:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/20/24 14:28

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.



Tiont. Di	ma Envi		tal Can		T	Bill To				1.	. Karra	e Onl			1		TA	\T		EPA Pr	ogram
Project:					15	Attention: Devon Energy		Lah	WO#					per	1D	12D	3D)	Stan	dard	CWA	SDWA
roject M				<u> </u>		Address:		FZ	400	7/15	21	ŎΙα	58.	0007					(
Address:				·		City, State, Zip								d Metho	d	-		7			RCRA
City, State	z, Zip Ho	obbs. N	M. 8824	0		Phone:		-													
Phone: 8					1	Email:		8015	8015			1		- 1						State	
Email: tom@pimaoil.com						Pima Project # 1-376 (nAPP2425	352086)	8 8	8 8	=	l g	ا 。ا	0.0	1	ξ			N	м со	UT AZ	TX
Report du	ıe by:					Pilla Project # 1-570 (IAT 1 2-720		ğ	<u>§</u>	8 8	88	8	Je 30			¥					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chtoride 300.0		ВСООС	верос				Remarks	
7:02	9/12	S	1	S1-Surfac	е		1								x						
7:11				S1-1'			2								Ш						
7:14				S1-2'	-		3								Щ						
7:16				S1-4'			4								Ц						
7:23				S2-Surface	9		5														
7:30				S2-1'			0								Ш						
7:36				S2-2'			7								Ш						
7:39				S2-4'			8		ļ						Ш						
7:42				S3-Surfac	е		9								Ш						
7:49				S3-1'			10														
Additiona	l Instruc	tions:	Wor	k Order/Billin	g: 21	406300															
				ticity of this sample may be grounds for			ing the sample	locati	on,				-	ring thermal p et an avg temp						ney are sample rs.	d or received
telinquishe	me f	tom	e P	13:24]	210	Received by Signature)	Date 2/0	2	Time	ر <u>زر:</u>	3:2) Vece	ived	on ice:	_	ab U) / N	se On	ly			r turk Karana Najar
terinquish			Då	1.132	00	Received by: (Signature)	Date 913	<u> ૮</u> ૫	Time	80	ه	<u>T1</u>			<u>T2</u>			_ I	3		
delinquished by: (Signature) Date Time Received by: Signature) 1.13.21 2.400 Caully Man					Received by Signature Man	Date 9.16.	24		30		AVG	Terr	ιρ °C	{							
	mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Containe										p - p	oly/pla	astic,	ag - amb							
						s other arrangements are made. Hazardous									nt exp	ense.	The r	eport fo	or the ana	lysis of the	above
amples is a	oplicable o	nly to thos	e samples	received by the la	borato	ry with this COC. The liability of the laborator	v is limited to	o the a	amour	nt paic	i for o	n the r	eport								



	age 32 of 33
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lient: Pima Envi	ronmen	tal Serv	ices		Bill To		1/1. 10		Lá	ab Us	se Or	ily	- x-	Τ			TAT		EPA P	rogram
roject: Sirius 1					Attention: Devon Energy		Lab	WO#		. Z.	Job	Num	ber	1D	21			Standard	CWA	SDWA
roject Manager:	Tom By	num			Address:		E۷	10 <	111	1	0/	758°	$\infty7$					X		
ddress: 5614 N.	Lovingt	on Hwy	•	17.0	City, State, Zip						Anal	/sis ar	nd Metho	od						RCRA
ity, State, Zip Ho		1. 8824	0		Phone:															<u> </u>
hone: 806-782-1151 Email:				Email:		by 8015	55		1									State		
mail: tom@pin	naoil.co	<u>n</u>			Pima Project # 1-376 (nAPP2425352986)) ×	12	l g		300.0		ξ	1.		- [NM CO	UT AZ	TX
eport due by:					Pilila Project # 1-570 (IIAT 2-425		ğ	8	8	8	8	le 30				<u> </u>	-	X		<u>L. </u>
Time Date Sampled Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO	GRO/DRO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Metals 6010	Chloride		96000		Beduc			Remarks	
7:56 9/12	S	1	S3-2'			11								x						
3:01			S3-4'			12														
8:10			S4-Surface	Э		13								П						
8:17			S4-1'			14														
7;23			S4-2'			15														
7,36	1		S4-4'			160														
8:41			S5-Surface	Э		17														
7:47			S5-1'			18														
?:53			S5-2°			19														
:17			S5-4'			20														
dditional Instruc	tions:	Wor	k Order/Billin	g: 21	406300															
(field sampler), attest to ate or time of collection			•		ware that tampering with or intentionally mislabelliction. Simpled by:	ng the sample	locati	on,			1 '		•	•				ved on ice the day Con subsequent da	-	led or received
elinquished by: (Signa	me	Dato	13247	<u>ול</u>	Received (Signature)	Date)	24	Time.	2//	2	Rec	eived	on ice:		Lab Y)/	Use N	Only		•	
elinguished by)(signa		Dağ	9.13.24	10	Received by: (Signature)	Date'	<u>. </u>	Time (30C	<u> </u>	T1_			T2				тз		
elinquished by: (Signa	iture)	Date		40	Received by: (Signature)	Date 9.//02	?4	Time 7	:30)	AVO	i Ten	ıp.⁰C	4						
mple Matrix: S - Soil, Sd	- Solid, S g -	Sludge, A -				Container	Туре							oer gl	ass,	v - V()A			
ote: Samples are disc	arded 30 d	ays after re	esults are reporte	d unle	ss other arrangements are made. Hazardous	samples will	be ret	turnec	to cli	ent o	r disp	osed o	f at the cl	ent ex	xpen	se. T	he rep	ort for the an	lysis of the	above
mples is applicable o	nly to thos	e samples	received by the la	borate	ory with this COC. The liability of the laboratory	is limited to	the a	mour	nt paid	for o	n the	report	: •							



Printed: 9/16/2024 10:21:11AM

Envirotech Analytical Laboratory

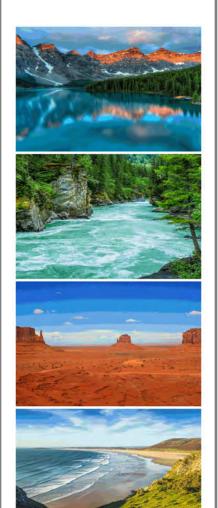
Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

Client:	Pima Environmental Services-Carlsbad	Date Received:	09/16/24 07:3	0	Work Order ID: E409111
Phone:	(575) 631-6977	Date Logged In:	09/13/24 13:2	1	Logged In By: Noe Soto
Email:	tom@pimaoil.com	Due Date:	09/20/24 17:0	0 (4 day TAT)	
Chain of	Custody (COC)				
	he sample ID match the COC?		No		
	he number of samples per sampling site location mate	th the COC	Yes		
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	e COC complete, i.e., signatures, dates/times, reques	ed analyses?	Yes	_	
5. Were a	Ill 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		Comments/Resolution
Sample '	Furn Around Time (TAT)	u .			
	e COC indicate standard TAT, or Expedited TAT?		Yes		Sampler name is missing on COC by
Sample (•				client. Project Sirius 17 Federal Com #7H
	sample cooler received?		Yes		has been separated into multiple WO due
	was cooler received in good condition?		Yes		*
• .	e sample(s) received intact, i.e., not broken?		Yes		to sample volume, WOs are
	custody/security seals present?		No		E409111-E409213.
	were custody/security seals intact?				
-	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling		NA Yes		
13. If no	visible ice, record the temperature.	temperature: 4°0	<u>C</u>		
Sample (<u>Container</u>				
14. Are a	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	a trip blank (TB) included for VOC analyses?		NA		
18. Are r	on-VOC samples collected in the correct containers?		Yes		
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes		
	field sample labels filled out with the minimum infor	mation:	**		
	ample ID? Date/Time Collected?		Yes		
	Collectors name?		Yes No		
Sample l	Preservation_		110		
	the COC or field labels indicate the samples were pro-	eserved?	No		
22. Are s	ample(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved m	etals?	No		
Multiph:	ase Sample Matrix				
	the sample have more than one phase, i.e., multiphas	e?	No		
27. If yes	s, does the COC specify which phase(s) is to be analy	zed?	NA		
Subcont	ract Laboratory				
	amples required to get sent to a subcontract laborator	ν?	No		
	a subcontract laboratory specified by the client and if			bcontract Lab	y NA
	• • •		54	ocommute Eur	, 141
Client I	<u>nstruction</u>				
1					

Date

Report to: Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sirius 17 Federal Com #7H

Work Order: E409112

Job Number: 01058-0007

Received: 9/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/19/24

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: 9/19/24

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Sirius 17 Federal Com #7H

Workorder: E409112

Date Received: 9/16/2024 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/16/2024 7:30:00AM, under the Project Name: Sirius 17 Federal Com #7H.

The analytical test results summarized in this report with the Project Name: Sirius 17 Federal Com #7H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Project Name: Sirius 17 Federal Com #7H			
PO Box 247	Project Number:	01058-0007	Reported:		
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/19/24 08:47		

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S6 - Surface	E409112-01A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S6 - 1'	E409112-02A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S6 - 2'	E409112-03A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S6 - 4'	E409112-04A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S7 - Surface	E409112-05A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S7 - 1'	E409112-06A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S7 - 2'	E409112-07A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S7 - 4'	E409112-08A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S8 - Surface	E409112-09A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S8 - 1'	E409112-10A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S8 - 2'	E409112-11A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S8 - 4'	E409112-12A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S9 - Surface	E409112-13A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S9 - 1'	E409112-14A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S9 - 2'	E409112-15A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S9 - 4'	E409112-16A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S10 - Surface	E409112-17A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S10 - 1'	E409112-18A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S10 - 2'	E409112-19A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S10 - 4'	E409112-20A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S6 - Surface E409112-01

		E409112-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anatyc	Result	Limit	Dilution	Trepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	3690	50.0	2	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	1840	100	2	09/14/24	09/17/24	
Surrogate: n-Nonane		92.7 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2438015
Chloride	7630	200	10	09/16/24	09/16/24	

Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S6 - 1' E409112-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	69.3	50.0	1	09/14/24	09/17/24	

86.6 %

40.0

mg/kg

3840

50-200

09/14/24

09/16/24

Analyst: RAS

2

09/17/24

09/16/24

Batch: 2438015

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S6 - 2'

		E409112-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	0.0313	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	0.0433	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	0.0433	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		83.8 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2438015
Chloride	1630	40.0	2	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S6 - 4'

E40	011	2	Λ4
£40	УΠ	LZ-	U4

		Reporting					
Analyte	Result	Limit	Diluti	ion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	analyst: CG			Batch: 2438004
Benzene	ND	0.0250	1		09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1		09/16/24	09/17/24	
Toluene	ND	0.0250	1		09/16/24	09/17/24	
o-Xylene	ND	0.0250	1		09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1		09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	ı	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: CG		Batch: 2438004	
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV			Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1		09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/14/24	09/17/24	
Surrogate: n-Nonane		87.0 %	50-200		09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RA	S		Batch: 2438015
Chloride	21.6	20.0	1		09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S7 - Surface E409112-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analy		Analyst: CG	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	2590	50.0	2	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	1300	100	2	09/14/24	09/17/24	
Surrogate: n-Nonane		90.6 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2438015
Chloride	7520	100	5	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S7 - 1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		91.0 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2438015
Chloride	4110	40.0	2	09/16/24	09/16/24	•



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S7 - 2'

		2107112 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilution	Frepared	Anaryzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		87.1 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2438015
Chloride	241	20.0	1	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S7 - 4'

		2.07112 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte				-	Anaryzeu	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		89.5 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2438015
Chloride	ND	20.0	1	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S8 - Surface E409112-09

	E-107112 07				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: CG		Batch: 2438004
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0500	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
	90.8 %	70-130	09/16/24	09/17/24	
mg/kg	mg/kg	Ana	lyst: CG		Batch: 2438004
ND	20.0	1	09/16/24	09/17/24	
	94.7 %	70-130	09/16/24	09/17/24	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2437113
2240	50.0	2	09/14/24	09/17/24	
1090	100	2	09/14/24	09/17/24	
	86.7 %	50-200	09/14/24	09/17/24	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2438015
7640	100	5	09/16/24	09/16/24	
	mg/kg ND ND ND ND ND ND ND ND ND 1090 mg/kg ND mg/kg 1090	Result Reporting 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 20.0250 90.8 % mg/kg Mg/kg mg/kg ND 20.0 94.7 % mg/kg mg/kg 50.0 1090 100 86.7 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 90.8 % 70-130 mg/kg mg/kg Ana ND 20.0 1 94.7 % 70-130 mg/kg mg/kg mg/kg Ana 2240 50.0 2 1090 100 2 86.7 % 50-200 mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg Manalyst: CG ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0500 1 09/16/24 ND 0.0250 1 09/16/24 mg/kg mg/kg Analyst: CG ND 20.0 1 09/16/24 mg/kg mg/kg Analyst: NV 2240 50.0 2 09/14/24 1090 100 2 09/14/24 86.7 % 50-200 09/14/24 mg/kg mg/kg Analyst: RAS	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 09/16/24 09/17/24 ND 0.0250 1 09/16/24 09/17/24 ND 0.0250 1 09/16/24 09/17/24 ND 0.0500 1 09/16/24 09/17/24 ND 0.0250 1 09/16/24 09/17/24 ND 0.0250 1 09/16/24 09/17/24 mg/kg mg/kg Analyst: CG ND 20.0 1 09/16/24 09/17/24 mg/kg mg/kg Analyst: NV 2240 50.0 2 09/14/24 09/17/24 mg/kg mg/kg Analyst: NV 240 50.0 2 09/14/24 09/17/24 mg/kg mg/kg Analyst: RAS



Chloride

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S8 - 1' E409112-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	:: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.6 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
- Susseme Tunings organies (CV 010)						

Surrogate: 4-Bromochiorobenzene-P1D		89.0 %	/0-130		09/10/24	09/1//24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analys	t: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analys	t: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0		1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/14/24	09/17/24	
Surrogate: n-Nonane		83.3 %	50-200		09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analys	t: RAS		Batch: 2438015

40.0

3140

09/16/24

09/16/24

2

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S8 - 2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		86.0 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2438015
Chloride	1670	40.0	2	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S8 - 4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		93.0 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2438015
Chloride	27.0	20.0	1	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S9 - Surface E409112-13

		1.40/112 15				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
p-Xylene	ND	0.0250	1	09/16/24	09/17/24	
o,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	4940	125	5	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	2800	250	5	09/14/24	09/18/24	
Surrogate: n-Nonane		104 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2438015
Chloride	8570	200	10	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S9 - 1'

E40	011	2	1 /
£40	УΠ	LZ-	14

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	62.1	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		90.0 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2438015
Chloride	ND	20.0	1	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S9 - 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		85.5 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		89.2 %	50-200	09/14/24	09/17/24	
	mg/kg	mg/kg	Analys	st: RAS		Batch: 2438015
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Buten: 2 150015



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S9 - 4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		98.0 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2438015
Chloride	47.1	20.0	1	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S10 - Surface E409112-17

	1.407112 17				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: CG		Batch: 2438004
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0500	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
	89.1 %	70-130	09/16/24	09/17/24	
mg/kg	mg/kg	Anal	yst: CG		Batch: 2438004
ND	20.0	1	09/16/24	09/17/24	
	96.1 %	70-130	09/16/24	09/17/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2437113
3970	50.0	2	09/14/24	09/17/24	
1870	100	2	09/14/24	09/17/24	
	92.4 %	50-200	09/14/24	09/17/24	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2438015
6800	100	5	09/16/24	09/16/24	
	mg/kg ND ND ND ND ND ND ND ND ND 10 10 10 10 10 10 10 10 10 10 10 10 10	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 89.1 % mg/kg mg/kg mg/kg ND 20.0 96.1 % mg/kg mg/kg 100 92.4 % mg/kg mg/kg mg/kg	Reporting 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 89.1 % 70-130 mg/kg mg/kg Anal ND 20.0 1 96.1 % 70-130 mg/kg mg/kg Anal 3970 50.0 2 1870 100 2 92.4 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: CG ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0500 1 09/16/24 ND 0.0250 1 09/16/24 mg/kg mg/kg Analyst: CG ND 20.0 1 09/16/24 mg/kg mg/kg Analyst: NV 3970 50.0 2 09/14/24 mg/kg mg/kg 4 09/14/24 1870 100 2 09/14/24 mg/kg mg/kg Analyst: RAS	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 09/16/24 09/17/24 ND 0.0250 1 09/16/24 09/17/24 ND 0.0250 1 09/16/24 09/17/24 ND 0.0500 1 09/16/24 09/17/24 ND 0.0250 1 09/16/24 09/17/24 ND 0.0250 1 09/16/24 09/17/24 mg/kg mg/kg Analyst: CG ND 20.0 1 09/16/24 09/17/24 mg/kg mg/kg Analyst: NV 3970 50.0 2 09/14/24 09/17/24 mg/kg 100 2 09/14/24 09/17/24 mg/kg mg/kg Analyst: RAS



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S10 - 1' E409112-18

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	57.0	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		90.9 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2438015
Chloride	51.2	20.0	1	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S10 - 2' E409112-19

		E-107112-17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		yst: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	Batem 2 15000 1
Ethylbenzene	0.0341	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		86.4 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analy		Analyst: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		91.9 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2438015
Chloride	32.3	20.0	1	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

S10 - 4' E409112-20

		E409112-20				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
				1	,	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2438004
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: CG		Batch: 2438004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2437113
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		91.0 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2438015
Chloride	43.1	20.0	1	09/16/24	09/16/24	



OC Summary Data

		QC SI	umm	ary Dat	<u>ส</u>				
Pima Environmental Services-Carlsbad		Project Name:		Sirius 17 Feder	al Com #7	Н			Reported:
PO Box 247		Project Number:	(01058-0007					•
Plains TX, 79355-0247		Project Manager:	-	Tom Bynum					9/19/2024 8:47:08AN
		Volatile O	rganics	by EPA 802	21B				Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438004-BLK1)							Prepared: 0	9/16/24 <i>A</i>	Analyzed: 09/17/24
Benzene	ND	0.0250					•		
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.3	70-130			
LCS (2438004-BS1)							Prepared: 0	9/16/24 A	Analyzed: 09/17/24
Benzene	5.29	0.0250	5.00		106	70-130			
Ethylbenzene	5.01	0.0250	5.00		100	70-130			
Toluene	5.17	0.0250	5.00		103	70-130			
o-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			
Matrix Spike (2438004-MS1)				Source:	E409112-	05	Prepared: 0	9/16/24 <i>A</i>	Analyzed: 09/17/24
Benzene	5.17	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.93	0.0250	5.00	ND	98.6	61-133			
Toluene	5.06	0.0250	5.00	ND	101	61-130			
p-Xylene	4.92	0.0250	5.00	ND	98.3	63-131			
o,m-Xylene	9.97	0.0500	10.0	ND	99.7	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.9	70-130			
Matrix Spike Dup (2438004-MSD1)				Source:	E409112-	05	Prepared: 0	9/16/24 A	Analyzed: 09/17/24
Benzene	4.85	0.0250	5.00	ND	96.9	54-133	6.41	20	
Ethylbenzene	4.67	0.0250	5.00	ND	93.4	61-133	5.42	20	
Toluene	4.79	0.0250	5.00	ND	95.9	61-130	5.44	20	
o-Xylene	4.65	0.0250	5.00	ND	93.0	63-131	5.54	20	
p,m-Xylene	9.46	0.0500	10.0	ND	94.6	63-131	5.32	20	
Total Xylenes	14.1	0.0250	15.0	ND	94.0	63-131	5.39	20	
a the Hill Bir			0.00		07.2	70 120			



Surrogate: 4-Bromochlorobenzene-PID

6.98

8.00

87.3

70-130

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				9/19	9/2024 8:47:08AM			
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO	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 (2438004-BLK1)							Prepared: 0	9/16/24 Analy	zed: 09/17/24			
Gasoline Range Organics (C6-C10)	ND	20.0										
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.3	70-130						
LCS (2438004-BS2)							Prepared: 0	9/16/24 Analy	zed: 09/17/24			
Gasoline Range Organics (C6-C10)	44.7	20.0	50.0		89.4	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130						
Matrix Spike (2438004-MS2)				Source:	E409112-0	05	Prepared: 0	9/16/24 Analy	zed: 09/17/24			
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130						
Matrix Spike Dup (2438004-MSD2)				Source:	E409112-0	05	Prepared: 0	9/16/24 Analy	zed: 09/17/24			
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130	4.46	20				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130						

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	-
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 8:47:08AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				9/1	9/2024 8:47:08AM
	Nonha	logenated Or	ganics by l	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 (2437113-BLK1)							Prepared: 0	9/14/24 Anal	yzed: 09/17/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.9		50.0		95.7	50-200			
LCS (2437113-BS1)							Prepared: 0	9/14/24 Anal	yzed: 09/17/24
Diesel Range Organics (C10-C28)	216	25.0	250		86.4	38-132			
Surrogate: n-Nonane	50.1		50.0		100	50-200			
Matrix Spike (2437113-MS1)				Source:	E409112-1	13	Prepared: 0	9/14/24 Anal	yzed: 09/18/24
Diesel Range Organics (C10-C28)	3950	125	250	4940	NR	38-132			M4
Surrogate: n-Nonane	54.2		50.0		108	50-200			
Matrix Spike Dup (2437113-MSD1)				Source:	E409112-1	13	Prepared: 0	9/14/24 Anal	yzed: 09/18/24
Diesel Range Organics (C10-C28)	4090	125	250	4940	NR	38-132	3.66	20	M4
Surrogate: n-Nonane	55.2		50.0		110	50-200			

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Sirius 17 Federal Com #7H Project Number: 01058-0007								Reported:				
Plains TX, 79355-0247		Project Manager:		9/19/2024 8:47:08AM									
		Anions 1	by EPA	300.0/9056 <i>A</i>	1				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 (2438015-BLK1)							Prepared: 0	9/16/24 <i>A</i>	analyzed: 09/16/24				
Chloride	ND	20.0											
LCS (2438015-BS1)							Prepared: 0	9/16/24 <i>A</i>	analyzed: 09/16/24				
Chloride	254	20.0	250		101	90-110							
Matrix Spike (2438015-MS1)				Source:	E409112-0	2	Prepared: 0	9/16/24 <i>A</i>	analyzed: 09/16/24				
Chloride	4090	40.0	250	3840	102	80-120							
Matrix Spike Dup (2438015-MSD1)				Source:	E409112-0	2	Prepared: 0	9/16/24 <i>A</i>	analyzed: 09/16/24				
Chloride	4360	40.0	250	3840	210	80-120	6.37	20	M4				

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:	Sirius 17 Federal Com #7H	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/19/24 08:47

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. 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

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.



Client: Pima Environmental Services Bill To														ما الم	e Onl						TA	T	EPA Program			
Project:									Attention: Devon Energy		lab	WO#			Job N		her		מו	2D	3D		ndard	CWA	SDWA	
Project N						111 #	711		Address:			wo#	11	う			ğ		-		30		X		35 (17.	
Address:						NV.			City, State, Zip			ال					nd Met						2.841		RCRA	
City, Stat									Phone:						Γİ							$\neg \neg$				
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Email:	om(@pin	naoil.	com)			l .	D: D :	0405250006)	&	y 8015	្រ	。		0.0		l	5		1		NM CO	UT AZ	TX	
Report d	ue by	<u>/:</u>							Pima Project # 1-376 (nAPP	(2425352966)	្ត្រី	စ္ခ	8	826	601(e 30			N.	¥			x			
Time Sampled	Da Sam		Matr	rix	No. o Contair		Sample ID			Lab Number	DRO/ORO	GRO/DRO by	втех _{by} 8021	VOC by 8260	Metals 6010	Chloride 300.0			верос	DOGDB				Remarks		
7:20	91	12	S		1		S6-Surface)		1									X							
9:27							S6-1'			2																
9:31							S6-2'			3																
7:37							S6-4'			4													L			
7:39							S7-Surface	ŀ		5																
7:41							S7-1'			6																
7:47							S7-2'			7																
9:49							S7-4'			8																
9:56							S8-Surface)		9																
1:53							S8-1'			10																
Addition	al Ins	struc	tions:		W	ork	Order/Billing	g: 21	406300																	
•	,-			•			city of this sample. ay be grounds for l		ware that tampering with or intentionally mi ction. <u>Sampled by:</u>	slabelling the sample	locati	on,											on ice the day t subsequent da		ed or received	
Relinquishe	na.	HA	MM	ve.	C	ζ.	13.2	21	Regeived by: (Senature)	Date 2	$\overline{\mathcal{O}}$	9	·13	2	Rece	ived	l on ic	e:	_	ab Us)/ N	se On	ly .	:			
												Time (Q 0	, D	T1		.:		T2_	Ý.		_	Т3			
elinguishe	d by:	\S Igna	ture)			Date V il	3.24 Z	400	Received by: (Signature)	n 9./62	_	Time 7:			AVG	Ten	ıp °C_	4						- 1		
					udge,	A - Aq	ueous, O - Other_		_	Containe	r Type			p - p	oly/pla	astic,	ag - a									
lote: Samp	les ar	e disc	arded 3	30 day	ys afte	r res	ults are reported	unle	ss other arrangements are made. Hazai	rdous samples will	be re	turnec	to cl	ient o	dispos	sed o	f at the	clien	t exp	ense.	The r	report	for the ana	lysis of the	above	
amples is a	applica	able o	nly to t	hose	sampl	les re	ceived by the lab	orato	ory with this COC. The liability of the labo	oratory is limited t	o the a	amour	nt paid	d for o	n the r	eport	<u> </u>									



			Page	4_	of	7	
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C	anda	ra	CV	VA	של	WA	
_	<u> X</u>				RC	RA	
		20					
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							33
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							32
	<u> </u>						Dage
	·						
	on ice ti subseq		they are	sample	ed or re	ceived	

Client: P	ima Envi	Bill To	Lab Use Only						TAT EPA Program													
Project:	Sirius 1	7 Fe	dera	I Cor		Attention: Devon Energy	<u></u>		WO#			Job !	Num	ber		1D	2D	3D	Sta	ndard	CWA	SDWA
Project N						Address:		E	409	MS				000			L		Ц,	X		DCD4
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Phone: 8						Email:		100	100				_						-	ALL CO	State	TVI
Email: t		naoii.	.com	1		Pima Project # 1-376 (nAPP242	5352986)	%	8 A	8021	8	<u>_ </u>	0.0		ı	Σ	 <u> </u>				UT AZ	'
Report du			 -			Tima Troject if Table (1888)		1 8	<u>۾</u>	8 8	88	99	de 3		- 1		1		l ⊦	x		
Time Sampled	Date Sampled	Mat	rix	No. of Contains			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0			верос	верос				Remarks	
9:58	9/12	S		1	S8-2'		11									Х						
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10:11					S9-Surface		13															
10:17					S9-1'		14															
10:20					S9-2'		15															
10:26					S9-4'		16															
10:31					S10-Surfac	e	17															
10:39					S10-1'		18														-	
10:43					S10-2'		19															
10:56					S10-4'		20															
Addition	ai Instruc	tions	:	Wo	ork Order/Billing	: 21406300																
			-		enticity of this sample.	l am aware that tampering with or intentionally mislabel egal action. Sampled by:	ling the sample	e locati	on,											n ice the day i subsequent da		ed or received
Relinguishe		ture)		0	7.13.24	Received by (Signature)	919	132	Time	12	10	Rece	eived	d on ic	ce:		ab U	se On	nly		95. 1 - 121	
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Relimquishe	€ by: (Signa	ture)		0	ate / fime	400 Cuth Man	9.16.2	14	Time 7:	30)	AVG	Ten	np °C_	۷	Ł		. *				as sign
	Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samp	les are disc	arded	30 da	ys after	results are reported	unless other arrangements are made. Hazardous	samples will	be re	turnec	to cli	ient o	r dispo	sed o	f at the	e clien	t exp	ense.	The	report	for the ana	lysis of the	above
						oratory with this COC. The liability of the laborato																



Printed: 9/16/2024 10:40:26AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

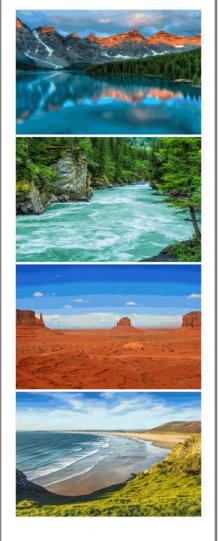
Instructions: Please take note of any NO checkmarks.

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

	no response concerning more remaining a nours or			•	
Client:	Pima Environmental Services-Carlsbad	Date Received:	09/16/24 07	7:30	Work Order ID: E409112
Phone:	(575) 631-6977	Date Logged In:	09/13/24 13	3:21	Logged In By: Noe Soto
Email:	tom@pimaoil.com	Due Date:	09/20/24 17	7:00 (4 day TAT)	
Chain of	Custady (COC)				
	Custody (COC)		NT-		
	te sample ID match the COC? The number of samples per sampling site location materials.	tab the COC	No		
	amples dropped off by client or carrier?	ich the COC	Yes	a	~ .
	e COC complete, i.e., signatures, dates/times, reques	atad analyzaa?	Yes Yes	Carrier: C	Courier
	Il samples received within holding time?	sted allaryses:	Yes		
5. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		ies		Comments/Resolution
Sample T	urn Around Time (TAT)				
	COC indicate standard TAT, or Expedited TAT?		Yes		Sampler name is missing on COC by
Sample C	Cooler				client. Project Sirius 17 Federal Com #7H
	ample cooler received?		Yes		has been separated into multiple WO due
8. If yes,	was cooler received in good condition?		Yes		to sample volume, WOs are
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		· ·
	custody/security seals present?		No		E409111-E409213.
	were custody/security seals intact?		NA		
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15	Yes		
	risible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>		
Sample C			3.7		
	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?	9	NA		
	on-VOC samples collected in the correct containers		Yes		
	appropriate volume/weight or number of sample contain	ners collected?	Yes		
Field Lab		4			
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes		
	ate/Time Collected?		Yes		
C	ollectors name?		No		
Sample P	reservation_				
21. Does	the COC or field labels indicate the samples were pr	reserved?	No		
22. Are sa	imple(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved n	netals?	No		
Multipha	se Sample Matrix				
26. Does	the sample have more than one phase, i.e., multipha	se?	No		
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA		
Subcontr	act Laboratory				
	imples required to get sent to a subcontract laborato	arv?	No		
	subcontract laboratory specified by the client and i	•		Subcontract Lab	b: NA
	struction				
Chent In	<u>isti uction</u>				

Date

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sirius 17 Federal Com #7H

Work Order: E409113

Job Number: 01058-0007

Received: 9/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/18/24

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: 9/18/24

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Sirius 17 Federal Com #7H

Workorder: E409113

Date Received: 9/16/2024 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/16/2024 7:30:00AM, under the Project Name: Sirius 17 Federal Com #7H.

The analytical test results summarized in this report with the Project Name: Sirius 17 Federal Com #7H 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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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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S12 - 4'	13
S13 - Surface	14
S13 - 1'	15
S13 - 2'	16
S13 - 4'	17
S14 - Surface	18
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Donoutoda	
PO Box 247	Project Number:	01058-0007	Reported:	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/18/24 15:49	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S11 - Surface	E409113-01A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S11 - 1'	E409113-02A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S11 - 2'	E409113-03A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S11 - 4'	E409113-04A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S12 - Surface	E409113-05A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S12 - 1'	E409113-06A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S12 - 2'	E409113-07A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S12 - 4'	E409113-08A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S13 - Surface	E409113-09A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S13 - 1'	E409113-10A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S13 - 2'	E409113-11A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S13 - 4'	E409113-12A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S14 - Surface	E409113-13A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S14 - 1'	E409113-14A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S14 - 2'	E409113-15A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S14 - 4'	E409113-16A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S15 - Surface	E409113-17A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S15 - 1'	E409113-18A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S15 - 2'	E409113-19A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
S15 - 4'	E409113-20A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
H1-Comp	E409113-21A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
H2-Comp	E409113-22A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
H3-Comp	E409113-23A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
H4-Comp	E409113-24A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
H5-Comp	E409113-25A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
H6-Cmp	E409113-26A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
H7-Comp	E409113-27A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
H8-Comp	E409113-28A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
BG1-1'	E409113-29A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.
BG2-1'	E409113-30A	Soil	09/12/24	09/16/24	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S11 - Surface E409113-01

		2.07110 01					
Reporting							
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438005
Benzene	ND	0.0250		1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250		1	09/16/24	09/17/24	
Toluene	ND	0.0250		1	09/16/24	09/17/24	
o-Xylene	ND	0.0250		1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500		1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250		1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437112
Diesel Range Organics (C10-C28)	1990	125		5	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	612	250		5	09/14/24	09/17/24	
Surrogate: n-Nonane		83.1 %	50-200		09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2438016
Chloride	9980	200		10	09/16/24	09/16/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S11 - 1' E409113-02

		Reporting					
Analyte	Result	Limit	Dilut	tion Prepa	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2438005
Benzene	ND	0.0250	1	09/10	6/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/10	6/24	09/17/24	
Toluene	ND	0.0250	1	09/10	6/24	09/17/24	
o-Xylene	ND	0.0250	1	09/10	6/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/10	6/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/10	6/24	09/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	09/16	6/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	09/10	6/24	09/17/24	
Surrogate: Toluene-d8		106 %	70-130	09/16	6/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10	6/24	09/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	09/10	6/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	09/16	6/24	09/17/24	
Surrogate: Toluene-d8		106 %	70-130	09/16	6/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14	4/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14	4/24	09/17/24	
Surrogate: n-Nonane		90.6 %	50-200	09/1-	4/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2438016

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S11 - 2' E409113-03

		2107110 00				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
·	mg/kg	mg/kg		nalyst: IY	1 mary 200	Batch: 2438005
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	09/16/24	09/17/24	Batch: 2-130003
Benzene	ND ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND ND	0.0250	1	09/16/24	09/17/24	
Toluene			1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		79.3 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2438016
Chloride	39.3	20.0	1	09/16/24	09/17/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S11 - 4' E409113-04

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		analyst: IY		Batch: 2438005
Benzene	ND	0.0250	1	09/16/24	09/17/24	Batch: 2 130003
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		89.4 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: DT		Batch: 2438016
Chloride	78.6	20.0	1	09/16/24	09/16/24	



Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

S12 - Surface E409113-05

		E407113-03					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I	Y		Batch: 2438005
Benzene	ND	0.0250	1		09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1		09/16/24	09/17/24	
Toluene	ND	0.0250	1		09/16/24	09/17/24	
o-Xylene	ND	0.0250	1		09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1		09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1		09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: 1	NV		Batch: 2437112
Diesel Range Organics (C10-C28)	2830	50.0	2	!	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	1250	100	2	!	09/14/24	09/17/24	
Surrogate: n-Nonane		88.8 %	50-200		09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: I	DT		Batch: 2438016
Chloride	8680	200	10	0	09/16/24	09/17/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S12 - 1' E409113-06

	D		·		·
Dogult	Reporting	D:1:	on Duomons J	Amalyzad	Notes
Result	Limit	Diluti	on Prepared	Anaiyzed	Notes
mg/kg	mg/kg	A	nalyst: IY		Batch: 2438005
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0500	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
	105 %	70-130	09/16/24	09/17/24	
	98.0 %	70-130	09/16/24	09/17/24	
	104 %	70-130	09/16/24	09/17/24	
mg/kg	mg/kg	A	nalyst: IY		Batch: 2438005
ND	20.0	1	09/16/24	09/17/24	
	105 %	70-130	09/16/24	09/17/24	
	98.0 %	70-130	09/16/24	09/17/24	
	104 %	70-130	09/16/24	09/17/24	
mg/kg	mg/kg	A	nalyst: NV		Batch: 2437112
ND	25.0	1	09/14/24	09/17/24	_
ND	50.0	1	09/14/24	09/17/24	
	84.7 %	50-200	09/14/24	09/17/24	
mg/kg	mg/kg	A	nalyst: DT		Batch: 2438016
			09/16/24	09/17/24	
	ND N	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO5 % 98.0 % IO4 % 104 % MD 20.0 IO5 % 98.0 % IO4 % 104 % Mg/kg mg/kg ND 25.0 ND 50.0 84.7 %	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 1 105 % 70-130 70-130 98.0 % 70-130 1 105 % 70-130 1 98.0 % 70-130 1 104 % 70-130 1 mg/kg mg/kg A ND 25.0 1 ND 50.0 1 84.7 % 50-200	mg/kg mg/kg Analyst: IY ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0500 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 98.0 % 70-130 09/16/24 104 % 70-130 09/16/24 mg/kg mg/kg Analyst: IY ND 20.0 1 09/16/24 105 % 70-130 09/16/24 98.0 % 70-130 09/16/24 104 % 70-130 09/16/24 mg/kg mg/kg Analyst: NV ND 25.0 1 09/14/24 ND 50.0 1 09/14/24 ND 50.0 1 09/14/24	mg/kg mg/kg Analyst: IY ND 0.0250 1 09/16/24 09/17/24 ND 0.0500 1 09/16/24 09/17/24 ND 0.0250 1 09/16/24 09/17/24 105 % 70-130 09/16/24 09/17/24 104 % 70-130 09/16/24 09/17/24 mg/kg mg/kg Analyst: IY ND 20.0 1 09/16/24 09/17/24 105 % 70-130 09/16/24 09/17/24 104 % 70-130 09/16/24 09/17/24 mg/kg mg/kg Analyst: NV MD 25.0 1 09/16/24 09/17/24 mg/kg mg/kg Analyst: NV ND 25.0 1 09/14/24 09/17/24 ND 50.0 1 09/14/24 09/17/24 84.7 % 50-200 09/14/24 09/17/24

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S12 - 2' E409113-07

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepa	ared Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2438005
Benzene	ND	0.0250	1	09/16	5/24 09/17/24	
Ethylbenzene	ND	0.0250	1	09/16	5/24 09/17/24	
Toluene	ND	0.0250	1	09/16	5/24 09/17/24	
o-Xylene	ND	0.0250	1	09/16	5/24 09/17/24	
p,m-Xylene	ND	0.0500	1	09/16	5/24 09/17/24	
Total Xylenes	ND	0.0250	1	09/16	5/24 09/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/16	5/24 09/17/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	09/16	5/24 09/17/24	
Surrogate: Toluene-d8		108 %	70-130	09/16	5/24 09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16	5/24 09/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/16	5/24 09/17/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	09/16	5/24 09/17/24	
Surrogate: Toluene-d8		108 %	70-130	09/16	5/24 09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14	1/24 09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14	/24 09/17/24	
Surrogate: n-Nonane		88.1 %	50-200	09/14	1/24 09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2438016
	28.4	20.0	1	09/16	5/24 09/17/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S12 - 4' E409113-08

		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2438005
Benzene	ND	0.0250	1	. 09	9/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	. 09	9/16/24	09/17/24	
Toluene	ND	0.0250	1	. 09	9/16/24	09/17/24	
o-Xylene	ND	0.0250	1	. 09	9/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	. 09	9/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	. 09	0/16/24	09/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	09	0/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09	0/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130	09	0/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	. 09	9/16/24	09/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	09	0/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09	0/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130	09	0/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0	1	09	9/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	. 09	9/14/24	09/17/24	
Surrogate: n-Nonane		88.8 %	50-200	09	0/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2438016
Chloride	20.2	20.0	1		0/16/24	09/17/24	



Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

S13 - Surface E409113-09

		E407115-07				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Analyte	Result	Liiiit	Dilui	ion Frepared	Allaryzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2438005
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		100 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		100 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2437112
Diesel Range Organics (C10-C28)	3430	50.0	2	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	1700	100	2	09/14/24	09/17/24	
Surrogate: n-Nonane		93.2 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2438016
Chloride	8440	200	10	09/16/24	09/17/24	



Pima Envi	ronmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 24	7	Project Number:	01058-0007	Reported:
Plains TX,	79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S13 - 1' E409113-10

		2.07110 10					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2438005
Benzene	ND	0.0250		1	09/16/24	09/17/24	Butch: 2 150005
Ethylbenzene	ND	0.0250		1	09/16/24	09/17/24	
Toluene	ND	0.0250		1	09/16/24	09/17/24	
o-Xylene	ND	0.0250		1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500		1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250		1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0		1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/14/24	09/17/24	
Surrogate: n-Nonane		87.5 %	50-200	·	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2438016
Chloride	ND	20.0		1	09/16/24	09/17/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S13 - 2' E409113-11

		E-407113-11				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
· ·				Analyst: IY	7 mary zea	Batch: 2438005
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A		00/17/24	Batch: 2438003
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		83.6 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: DT		Batch: 2438016
Chloride	28.1	20.0	1	09/16/24	09/17/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S13 - 4' E409113-12

		12407113-12				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
· ·				1	7 mary 200	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2438005
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		101 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		101 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		86.7 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: DT		Batch: 2438016
Chloride	27.0	20.0	1	09/16/24	09/17/24	

Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

S14 - Surface E409113-13

	D 1	Reporting				N
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2438005
Benzene	ND	0.0250	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		108 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ai	nalyst: NV		Batch: 2437112
Diesel Range Organics (C10-C28)	3850	50.0	2	09/14/24	09/17/24	_
Oil Range Organics (C28-C36)	1820	100	2	09/14/24	09/17/24	
Surrogate: n-Nonane		88.8 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: DT		Batch: 2438016
Chloride	11100	200	10	09/16/24	09/17/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S14 - 1' E409113-14

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2438005
Benzene	ND	0.0250	1	09/16/24	1 09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/17/24	
Toluene	ND	0.0250	1	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	09/16/24	99/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	09/16/24	09/17/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	09/16/24	99/17/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	1 09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	1 09/17/24	
Surrogate: n-Nonane		78.3 %	50-200	09/14/24	99/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2438016
	ND	20.0		09/16/24	1 09/17/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S14 - 2' E409113-15

D. Iv					N
Result	Limit	Diluti	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: IY		Batch: 2438005
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
ND	0.0500	1	09/16/24	09/17/24	
ND	0.0250	1	09/16/24	09/17/24	
	104 %	70-130	09/16/24	09/17/24	
	94.2 %	70-130	09/16/24	09/17/24	
	108 %	70-130	09/16/24	09/17/24	
mg/kg	mg/kg	А	Analyst: IY		Batch: 2438005
ND	20.0	1	09/16/24	09/17/24	
	104 %	70-130	09/16/24	09/17/24	
	94.2 %	70-130	09/16/24	09/17/24	
	108 %	70-130	09/16/24	09/17/24	
mg/kg	mg/kg	A	Analyst: NV		Batch: 2437112
ND	25.0	1	09/14/24	09/17/24	
ND	50.0	1	09/14/24	09/17/24	
	81.5 %	50-200	09/14/24	09/17/24	
mg/kg	mg/kg	A	Analyst: DT		Batch: 2438016
	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 IO4 % 94.2 % IO8 % mg/kg ND 20.0 IO4 % 94.2 % IO8 % IO8 % mg/kg mg/kg ND 25.0 ND 50.0	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 1 104 % 70-130 70-130 108 % 70-130 1 Mg/kg mg/kg A ND 20.0 1 104 % 70-130 70-130 108 % 70-130 1 mg/kg mg/kg A ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0500 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 94.2 % 70-130 09/16/24 108 % 70-130 09/16/24 mg/kg mg/kg Analyst: IY ND 20.0 1 09/16/24 94.2 % 70-130 09/16/24 108 % 70-130 09/16/24 108 % 70-130 09/16/24 mg/kg mg/kg Analyst: NV MD 25.0 1 09/14/24 ND 50.0 1 09/14/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IV ND 0.0250 1 09/16/24 09/17/24 ND 0.0500 1 09/16/24 09/17/24 ND 0.0250 1 09/16/24 09/17/24 ND 0.0250 1 09/16/24 09/17/24 94.2 % 70-130 09/16/24 09/17/24 108 % 70-130 09/16/24 09/17/24 mg/kg mg/kg Analyst: IY ND 20.0 1 09/16/24 09/17/24 94.2 % 70-130 09/16/24 09/17/24 108 % 70-130 09/16/24 09/17/24 108 % 70-130 09/16/24 09/17/24 108 % 70-130



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S14 - 4' E409113-16

		2.07110 10					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2438005
Benzene	ND	0.0250		1	09/16/24	09/17/24	Butch: 2 150005
Ethylbenzene	ND	0.0250		1	09/16/24	09/17/24	
Toluene	ND	0.0250		1	09/16/24	09/17/24	
o-Xylene	ND	0.0250		1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500		1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250		1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		107 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		107 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0		1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/14/24	09/17/24	
Surrogate: n-Nonane		89.1 %	50-200		09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2438016
Chloride	ND	20.0		1	09/16/24	09/17/24	

Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

S15 - Surface E409113-17

		12407113-17					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Allalyte					•	Allalyzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	?		Batch: 2438005
Benzene	ND	0.0250	1	l	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	l	09/16/24	09/17/24	
Toluene	ND	0.0250	1	l	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	l	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	l	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	l	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		107 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		107 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	V		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	I	09/14/24	09/17/24	
Surrogate: n-Nonane		84.9 %	50-200		09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: D	Т		Batch: 2438016
Chloride	692	20.0	1	1	09/16/24	09/17/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S15 - 1' E409113-18

		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438005
Benzene	ND	0.0250		1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250		1	09/16/24	09/17/24	
Toluene	ND	0.0250		1	09/16/24	09/17/24	
o-Xylene	ND	0.0250		1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500		1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250		1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		109 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		109 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0		1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/14/24	09/17/24	
Surrogate: n-Nonane		84.0 %	50-200		09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2438016
Amons by EPA 300.0/9050A	mg/kg	mg/kg					

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S15 - 2' E409113-19

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438005
Benzene	ND	0.0250	1	1	09/16/24	09/17/24	
Ethylbenzene	ND	0.0250	1	l	09/16/24	09/17/24	
Toluene	ND	0.0250	1	l	09/16/24	09/17/24	
o-Xylene	ND	0.0250	1	1	09/16/24	09/17/24	
p,m-Xylene	ND	0.0500	1	1	09/16/24	09/17/24	
Total Xylenes	ND	0.0250	1	[09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		109 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/16/24	09/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/16/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/16/24	09/17/24	
Surrogate: Toluene-d8		109 %	70-130		09/16/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	[09/14/24	09/17/24	
Surrogate: n-Nonane		85.7 %	50-200		09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2438016
Chloride	213	20.0	1		09/16/24	09/17/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

S15 - 4' E409113-20

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepar	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2438005
Benzene	ND	0.0250	1	09/16/	/24 09/17/24	
Ethylbenzene	ND	0.0250	1	09/16/	/24 09/17/24	
Toluene	ND	0.0250	1	09/16/	24 09/17/24	
o-Xylene	ND	0.0250	1	09/16/	24 09/17/24	
p,m-Xylene	ND	0.0500	1	09/16/	24 09/17/24	
Total Xylenes	ND	0.0250	1	09/16/	24 09/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/16/	/24 09/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	09/16/	/24 09/17/24	
Surrogate: Toluene-d8		109 %	70-130	09/16/	/24 09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2438005
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/	24 09/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/16/	/24 09/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	09/16/	/24 09/17/24	
Surrogate: Toluene-d8		109 %	70-130	09/16/	/24 09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2437112
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/	/24 09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/	24 09/17/24	
Surrogate: n-Nonane		87.0 %	50-200	09/14/	/24 09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2438016
Chloride	ND	20.0		09/16/	/24 09/17/24	

Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

H1-Comp E409113-21

		2107110 21					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	•		Batch: 2438006
Benzene	ND	0.0250	1		09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1		09/16/24	09/18/24	
Toluene	ND	0.0250	1		09/16/24	09/18/24	
o-Xylene	ND	0.0250	1		09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1		09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1		09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		09/16/24	09/18/24	
Surrogate: Toluene-d8		109 %	70-130		09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2438006
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		09/16/24	09/18/24	
Surrogate: Toluene-d8		109 %	70-130		09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	V		Batch: 2437111
Diesel Range Organics (C10-C28)	ND	25.0	1		09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/14/24	09/17/24	
Surrogate: n-Nonane		87.0 %	50-200		09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2438017
Chloride	ND	20.0	1	!	09/16/24	09/17/24	



Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

H2-Comp E409113-22

		2.07110 22				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2438006
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		106 %	70-130	09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	09/16/24	09/18/24	
Surrogate: Toluene-d8		108 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2438006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		106 %	70-130	09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	09/16/24	09/18/24	
Surrogate: Toluene-d8		108 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2437111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		95.5 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2438017
Chloride	ND	20.0	1	09/16/24	09/17/24	

Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

H3-Comp E409113-23

		E407113-23				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepar	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2438006
Benzene	ND	0.0250	1	09/16/	/24 09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/	/24 09/18/24	
Toluene	ND	0.0250	1	09/16/	/24 09/18/24	
o-Xylene	ND	0.0250	1	09/16/	/24 09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/	/24 09/18/24	
Total Xylenes	ND	0.0250	1	09/16/	/24 09/18/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/16/	/24 09/18/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	09/16/	/24 09/18/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/	/24 09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2438006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/	24 09/18/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/16/	/24 09/18/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	09/16/	/24 09/18/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/	/24 09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2437111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/	/24 09/17/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/	/24 09/17/24	
Surrogate: n-Nonane		92.2 %	50-200	09/14/	/24 09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2438017
Chloride	ND	20.0	1	09/16/	/24 09/17/24	



Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

H4-Comp E409113-24

Result			n Prenared	Analyzed	Notes
Result	Limit	Dilutio	п терагец	Anaryzeu	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2438006
ND	0.0250	1	09/16/24	09/18/24	
ND	0.0250	1	09/16/24	09/18/24	
ND	0.0250	1	09/16/24	09/18/24	
ND	0.0250	1	09/16/24	09/18/24	
ND	0.0500	1	09/16/24	09/18/24	
ND	0.0250	1	09/16/24	09/18/24	
	105 %	70-130	09/16/24	09/18/24	
	95.8 %	70-130	09/16/24	09/18/24	
	107 %	70-130	09/16/24	09/18/24	
mg/kg	mg/kg	An	nalyst: IY		Batch: 2438006
ND	20.0	1	09/16/24	09/18/24	
	105 %	70-130	09/16/24	09/18/24	
	95.8 %	70-130	09/16/24	09/18/24	
	107 %	70-130	09/16/24	09/18/24	
mg/kg	mg/kg	An	nalyst: NV		Batch: 2437111
ND	25.0	1	09/14/24	09/17/24	
ND	50.0	1	09/14/24	09/17/24	
	95.6 %	50-200	09/14/24	09/17/24	
mg/kg	mg/kg	An	nalyst: RAS		Batch: 2438017
ND	20.0	1	09/16/24	09/17/24	
	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 IO5 % 95.8 % 107 % mg/kg ND 20.0 IO5 % 95.8 % 107 % mg/kg mg/kg mg/kg ND 25.0 ND 50.0 95.6 % mg/kg mg/kg mg/kg	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 1 105 % 70-130 95.8 % 70-130 107 % 70-130 mg/kg mg/kg Ar ND 20.0 1 105 % 70-130 107 % 95.8 % 70-130 107 % mg/kg mg/kg Ar ND 25.0 1 ND 50.0 1 95.6 % 50-200 mg/kg mg/kg Ar	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0500 1 09/16/24 ND 0.0250 1 09/16/24 ND 0.0250 1 09/16/24 95.8 % 70-130 09/16/24 107 % 70-130 09/16/24 mg/kg mg/kg Analyst: IY ND 20.0 1 09/16/24 95.8 % 70-130 09/16/24 107 % 70-130 09/16/24 107 % 70-130 09/16/24 107 % 70-130 09/16/24 mg/kg mg/kg Analyst: NV ND 25.0 1 09/14/24 ND 50.0 1 09/14/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/16/24 09/18/24 ND 0.0500 1 09/16/24 09/18/24 ND 0.0250 1 09/16/24 09/18/24 ND 0.0250 1 09/16/24 09/18/24 95.8 % 70-130 09/16/24 09/18/24 95.8 % 70-130 09/16/24 09/18/24 mg/kg mg/kg Analyst: IY ND 20.0 1 09/16/24 09/18/24 95.8 % 70-130 09/16/24 09/18/24 95.8 % 70-130 09/16/24 09/18/24 107 % 70-130 09/16/24 09/18/24 mg/kg mg/k



Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

H5-Comp E409113-25

		E407113-23				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: IY		Batch: 2438006
Benzene	ND	0.0250	1	09/16/2	24 09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/2	24 09/18/24	
Toluene	ND	0.0250	1	09/16/2	24 09/18/24	
o-Xylene	ND	0.0250	1	09/16/2	24 09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/2	24 09/18/24	
Total Xylenes	ND	0.0250	1	09/16/2	24 09/18/24	
Surrogate: Bromofluorobenzene		104 %	70-130	09/16/2	24 09/18/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/16/2	24 09/18/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/2	24 09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2438006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/2	24 09/18/24	
Surrogate: Bromofluorobenzene		104 %	70-130	09/16/2	24 09/18/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/16/2	24 09/18/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/2	24 09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2437111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/2	24 09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/2	24 09/17/24	
Surrogate: n-Nonane		89.9 %	50-200	09/14/2	24 09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2438017
Chloride	ND	20.0	1	09/16/2	24 09/17/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

H6-Cmp E409113-26

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2438006
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	09/16/24	09/18/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2438006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	09/16/24	09/18/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2437111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/17/24	
Surrogate: n-Nonane		92.5 %	50-200	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2438017
Chloride	ND	20.0		09/16/24	09/17/24	

Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

H7-Comp E409113-27

		E407113-27					
Analyte	Result	Reporting Limit	Dilut	tion	Prepared	Analyzed	Notes
- Amarya	Result				•	rmalyzed	110103
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: I	Y		Batch: 2438006
Benzene	ND	0.0250	1		09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1		09/16/24	09/18/24	
Toluene	ND	0.0250	1		09/16/24	09/18/24	
o-Xylene	ND	0.0250	1		09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1		09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1		09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		09/16/24	09/18/24	
Surrogate: Toluene-d8		109 %	70-130		09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: I	Y		Batch: 2438006
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		09/16/24	09/18/24	
Surrogate: Toluene-d8		109 %	70-130		09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: N	IV		Batch: 2437111
Diesel Range Organics (C10-C28)	ND	25.0	1		09/14/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/14/24	09/17/24	
Surrogate: n-Nonane		87.9 %	50-200	·	09/14/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2438017
Chloride	ND	20.0	1		09/16/24	09/17/24	_



Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

H8-Comp E409113-28

		2.05110 20					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2438006
Benzene	ND	0.0250		1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250		1	09/16/24	09/18/24	
Toluene	ND	0.0250		1	09/16/24	09/18/24	
o-Xylene	ND	0.0250		1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500		1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250		1	09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/16/24	09/18/24	
Surrogate: Toluene-d8		108 %	70-130		09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2438006
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/16/24	09/18/24	
Surrogate: Toluene-d8		108 %	70-130		09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437111
Diesel Range Organics (C10-C28)	ND	25.0		1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/14/24	09/18/24	
Surrogate: n-Nonane		91.9 %	50-200		09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2438017
Chloride	ND	20.0		1	09/16/24	09/17/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

BG1-1' E409113-29

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2438006
Benzene	ND	0.0250	1	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	1	09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		106 %	70-130		09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		09/16/24	09/18/24	
Surrogate: Toluene-d8		106 %	70-130		09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2438006
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		106 %	70-130		09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		09/16/24	09/18/24	
Surrogate: Toluene-d8		106 %	70-130		09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV	7		Batch: 2437111
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/14/24	09/18/24	
Surrogate: n-Nonane		95.1 %	50-200		09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RA	AS		Batch: 2438017
Chloride	ND	20.0	1	1	09/16/24	09/17/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

BG2-1' E409113-30

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2438006
Benzene	ND	0.0250	1	09/16/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/16/24	09/18/24	
Toluene	ND	0.0250	1	09/16/24	09/18/24	
o-Xylene	ND	0.0250	1	09/16/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/16/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		105 %	70-130	09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	09/16/24	09/18/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2438006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/24	09/18/24	
Surrogate: Bromofluorobenzene		105 %	70-130	09/16/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	09/16/24	09/18/24	
Surrogate: Toluene-d8		107 %	70-130	09/16/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2437111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/24	09/18/24	
Surrogate: n-Nonane		90.8 %	50-200	09/14/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2438017

I CC (2429005 DC1)

Surrogate: Toluene-d8

QC Summary Data

Sirius 17 Federal Com #7H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 9/18/2024 3:49:37PM Volatile Organic Compounds by EPA 8260B Analyst: IY Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2438005-BLK1) Prepared: 09/16/24 Analyzed: 09/17/24 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.513 0.500 103 70-130 Surrogate: 1,2-Dichloroethane-d4 0.477 0.500 95.4 70-130 0.538 0.500 108 70-130 Surrogate: Toluene-d8

LCS (2438005-BS1)					Prepare	a: 09/16/24 Anaiy	zed: 09/1//24	
Benzene	2.26	0.0250	2.50	90.3	70-130			
Ethylbenzene	2.28	0.0250	2.50	91.0	70-130			
Toluene	2.31	0.0250	2.50	92.5	70-130			
o-Xylene	2.31	0.0250	2.50	92.2	70-130			
p,m-Xylene	4.61	0.0500	5.00	92.2	70-130			
Total Xylenes	6.92	0.0250	7.50	92.2	70-130			
Surrogate: Bromofluorobenzene	0.531		0.500	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500	96.7	70-130			

0.500

106

70-130

0.531

Matrix Spike (2438005-MS1)				Source:	E409113-	17	Prepared: 09/16/24 Analyzed: 09/17/24
Benzene	2.32	0.0250	2.50	ND	92.8	48-131	
Ethylbenzene	2.30	0.0250	2.50	ND	92.0	45-135	
Toluene	2.34	0.0250	2.50	ND	93.6	48-130	
o-Xylene	2.33	0.0250	2.50	ND	93.3	43-135	
p,m-Xylene	4.67	0.0500	5.00	ND	93.4	43-135	
Total Xylenes	7.00	0.0250	7.50	ND	93.4	43-135	
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130	
Surrogate: Toluene-d8	0.520		0.500		104	70-130	

Matrix Spike Dup (2438005-MSD1)			Source	Source: E409113-17			9/16/24 Analyzed: 09/17/24	
Benzene	2.29	0.0250	2.50	ND	91.5	48-131	1.43	23
Ethylbenzene	2.27	0.0250	2.50	ND	90.9	45-135	1.20	27
Toluene	2.31	0.0250	2.50	ND	92.5	48-130	1.27	24
o-Xylene	2.31	0.0250	2.50	ND	92.6	43-135	0.753	27
p,m-Xylene	4.61	0.0500	5.00	ND	92.2	43-135	1.35	27
Total Xylenes	6.92	0.0250	7.50	ND	92.3	43-135	1.15	27
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130		
Surrogate: Toluene-d8	0.519		0.500		104	70-130		

Propored: 00/16/24 Applyzed: 00/17/24

Sirius 17 Federal Com #7H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 9/18/2024 3:49:37PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Prepared: 09/16/24 Analyzed: 09/17/24 Blank (2438006-BLK1) ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.532 0.500 106 70-130 Surrogate: 1,2-Dichloroethane-d4 0.475 0.500 94.9 70-130 0.500 109 70-130 Surrogate: Toluene-d8 0.547 LCS (2438006-BS1) Prepared: 09/16/24 Analyzed: 09/17/24 2.23 0.0250 2.50 89.3 70-130 Benzene 2.25 2.50 89.9 70-130 Ethylbenzene 0.0250 2.30 0.0250 2.50 92.0 70-130 70-130 2.27 0.0250 2.50 90.8 o-Xylene 4.54 5.00 90.8 70-130 p,m-Xylene 0.0500 6.81 0.0250 7.50 90.8 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.528 0.500 106 70-130 0.500 96.3 70-130 Surrogate: 1,2-Dichloroethane-d4 0.482 70-130 Surrogate: Toluene-d8 0.528 0.500 Matrix Spike (2438006-MS1) Source: E409119-04 Prepared: 09/16/24 Analyzed: 09/17/24 2.23 0.0250 2.50 ND 89.2 48-131 45-135 Ethylbenzene 2.24 0.0250 2.50 ND 89.7 92.0 48-130 Toluene 2.30 0.0250 2.50 ND 2.27 0.0250 2.50 ND 90.8 43-135 o-Xylene 4.54 ND 90.8 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 6.81 0.0250 7.50 ND 90.8 43-135 0.529 0.500 106 70-130 Surrogate: Bromofluorobenzene 0.471 0.500 94.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.530 Surrogate: Toluene-d8

Source: E409119-04

92.3

92.3

94.1

92.8

92.9

92.9

106

95.3

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

3.44

2.83

2.34

2.11

2.29

2.23

ND

ND

ND

ND

ND

ND



Prepared: 09/16/24 Analyzed: 09/17/24

23

27

24

27

27

27

Matrix Spike Dup (2438006-MSD1)

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.31

2.31

2.35

2.32

4.65

6.96

0.532

0.477

0.533

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

Gasoline Range Organics (C6-C10)

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum				9/1	8/2024 3:49:37PM	
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: IY		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2438005-BLK1)							Prepared: 0	9/16/24 Analy	zed: 09/17/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130				
Surrogate: Toluene-d8	0.538		0.500		108	70-130				
LCS (2438005-BS2)							Prepared: 0	9/16/24 Analy	zed: 09/17/24	
Gasoline Range Organics (C6-C10)	53.2	20.0	50.0		106	70-130				
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.8	70-130				
Surrogate: Toluene-d8	0.552		0.500		110	70-130				
Matrix Spike (2438005-MS2)				Source:	E409113-1	17	Prepared: 0	9/16/24 Analy	zed: 09/17/24	
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130				
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130				
Surrogate: Toluene-d8	0.543		0.500		109	70-130				
Matrix Spike Dup (2438005-MSD2)				Source:	E409113-1	17	Prepared: 0	9/16/24 Analy	zed: 09/17/24	

50.0

0.500

0.500

0.500

20.0

47.4

0.532

0.486

70-130

70-130

70-130

70-130

8.02

94.8

106

97.1

103



Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum9/18/20243:49:37PM

Plains TX, 79355-0247		Project Manager	т: То	om Bynum				9.	/18/2024 3:49:37PM
	Non	halogenated (Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438006-BLK1)							Prepared: 0	9/16/24 Ana	alyzed: 09/17/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.547		0.500		109	70-130			
LCS (2438006-BS2)							Prepared: 0	9/16/24 Ana	alyzed: 09/17/24
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			
Matrix Spike (2438006-MS2)				Source:	E409119-0	04	Prepared: 0	9/16/24 Ana	alyzed: 09/18/24
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.7	70-130			
Surrogate: Toluene-d8	0.554		0.500		111	70-130			
Matrix Spike Dup (2438006-MSD2)				Source:	E409119-0	04	Prepared: 0	9/16/24 Ana	alyzed: 09/18/24
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130	4.15	20	
Surrogate: Bromofluorobenzene	0.537		0.500		107	70-130			

0.500

0.500

0.490

0.546

70-130

70-130

98.0

109

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				9/	18/2024 3:49:37PM		
	Nonhal	Nonhalogenated Organics by EPA 8015D - 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 (2437111-BLK1)							Prepared: 0	9/14/24 Ana	lyzed: 09/17/24		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	47.2		50.0		94.3	50-200					
LCS (2437111-BS1)							Prepared: 0	9/14/24 Ana	lyzed: 09/17/24		
Diesel Range Organics (C10-C28)	199	25.0	250		79.8	38-132					
Surrogate: n-Nonane	49.5		50.0		99.0	50-200					
Matrix Spike (2437111-MS1)				Source:	E409113-2	28	Prepared: 0	9/14/24 Ana	lyzed: 09/17/24		
Diesel Range Organics (C10-C28)	204	25.0	250	ND	81.5	38-132					
Surrogate: n-Nonane	47.0		50.0		94.0	50-200					
Matrix Spike Dup (2437111-MSD1)				Source:	E409113-2	28	Prepared: 0	9/14/24 Ana	lyzed: 09/17/24		
Diesel Range Organics (C10-C28)	216	25.0	250	ND	86.4	38-132	5.79	20			
Surrogate: n-Nonane	50.1		50.0		100	50-200					

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					9/18/2024 3:49:37PN
	Nonha	logenated Or	ganics by	EPA 8015I	D - 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 (2437112-BLK1)							Prepared: 0	9/14/24 A1	nalyzed: 09/17/24
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	45.8		50.0		91.6	50-200			
CS (2437112-BS1)							Prepared: 0	9/14/24 Aı	nalyzed: 09/17/24
iesel Range Organics (C10-C28)	206	25.0	250		82.6	38-132			
urrogate: n-Nonane	48.8		50.0		97.6	50-200			
latrix Spike (2437112-MS1)				Source:	E409113-1	15	Prepared: 0	9/14/24 Aı	nalyzed: 09/17/24
iesel Range Organics (C10-C28)	194	25.0	250	ND	77.6	38-132			
urrogate: n-Nonane	46.3		50.0		92.7	50-200			
Iatrix Spike Dup (2437112-MSD1)				Source:	E409113-1	15	Prepared: 0	9/14/24 Aı	nalyzed: 09/17/24
iesel Range Organics (C10-C28)	204	25.0	250	ND	81.5	38-132	4.95	20	
ırrogate: n-Nonane	46.5		50.0		93.0	50-200			

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Sirius 17 Federal Com #7H 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/18/2024 3:49:37PM

		Anions	by EPA 3	00.0/9056A	١				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438016-BLK1)							Prepared: 09	9/16/24	Analyzed: 09/16/24
Chloride	ND	20.0							
LCS (2438016-BS1)							Prepared: 09	9/16/24	Analyzed: 09/17/24
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2438016-MS1)				Source:	E409113-0	4	Prepared: 09	9/16/24	Analyzed: 09/16/24
Chloride	375	20.0	250	78.6	119	80-120			
Matrix Spike Dup (2438016-MSD1)				Source:	E409113-0	4	Prepared: 09	9/16/24	Analyzed: 09/16/24
Chloride	378	20.0	250	78.6	120	80-120	0.778	20	



Pima Environmental Services-Carlsbac PO Box 247	i	Project Name: Project Number:		Sirius 17 Federa 1058-0007	al Com #7I	H			Reported:
Plains TX, 79355-0247		Project Manager:	7	Com Bynum					9/18/2024 3:49:37PM
		Anions	by EPA	300.0/9056 <i>A</i>	\				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 (2438017-BLK1)							Prepared: 09	9/16/24 <i>A</i>	Analyzed: 09/17/24
Chloride	ND	20.0							
LCS (2438017-BS1)							Prepared: 09	9/16/24 <i>A</i>	Analyzed: 09/17/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2438017-MS1)				Source:	E409119-0)1	Prepared: 09	9/16/24 <i>A</i>	Analyzed: 09/17/24
Chloride	263	20.0	250	ND	105	80-120			
Matrix Spike Dup (2438017-MSD1)				Source:	E409119-0)1	Prepared: 09	9/16/24 <i>A</i>	Analyzed: 09/17/24
Chloride	261	20.0	250	ND	105	80-120	0.440	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:	Sirius 17 Federal Com #7H	
l	PO Box 247	Project Number:	01058-0007	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/18/24 15:49

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.



Client: Pima Environmental Services

Project: Sirius 17 Federal Com #7H
Project Manager: Tom Bynum

Address: 5614 N. Lovington Hwy.

Lab Use Only

Job Number

0/058-000

Lab WO# E 409

Bill To

Devon Energy

Attention:

City State Zin

Address:

EPA Program

SDWA

RCRA

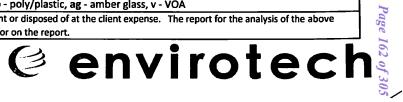
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	mple ID			DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride			BGDOC	верос			Remarks	٦
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Additiona	al Instruc	tions:	Work	Order/Billing	: 21	406300	_														
				city of this sample. hay be grounds for le		ware that tampering with or intentionally mislabellin tion. Sampled by:	g the sample	locatio	n,					_						n ice the day they are sampled or receiv obsequent days.	red .
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K.			9.1	3.24 2	40		9:16 <i>2</i>	74		<u>30</u>		AVG	Tem	o °C	4			·			
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Note: Sampl	les are disc	arded 30 da nly to thosa	ys after res	sults are reported	unles	s other arrangements are made. Hazardous sa	imples will i	be ret	urned 1	to clie	ent or	dispos	ed of	at the c	lient e	exper	nse.	The re	eport 1	for the analysis of the above	
ampies is a	phiicanie o	my to those	: samples re	ceived by the lab	orato	y with this COC. The liability of the laboratory	is ilmited to	tne a	mount	paid	tor on	the re	eport.								



							Bill To		Lab Use Only					TAT EPA Program					ogram					
						<u>#7H</u>		Attention: Devon Energy		Lab	#04 POF	160	-	Job N	uml	er ~~		1D	2D	3D	Sta	andard	CWA	SDWA
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Time Date Sampled Sampled Matrix No. of Containers Sample ID				Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride :			верос	верос				Remarks						
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elinguish	Impuished by: (Signature) Date Time Received by: (Signature) A.13-24 2400 Cath Man-							9:16.	24	Time 7	<u>'</u> 30		AVG	Tem	p °C_	4	,			- ''				
								Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																
	: 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																							
arnpies is	ples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							



Project	Information

Chain of Cu	ustody
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Page	7	of	7

Client: Pima Environmental Services Project: Sirius 17 Federal Com #7H							es	1	Bill To	·			Liá	b Us	e Only	<i>i</i>		Τ		T/	AT .		EPA Pı	ogram
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hone: 8									Email:			3015				ا ۲					1	NM CO	State	
mail: tom@pimaoil.com Report due by:									Pima Project # 1-376 (nAPP2425352986)			þ.	021	093	쥝	ğ		ΣŽ			1	X	UI AZ	
Time	Dat	\neg		T	No. of	, T		<u> </u>		Lab	080	DRC	by 8	by 8;)s 60	ig ig			`			┝┷┷		
Sampled	Samp		Matri	<u>*</u>	Contain		Sample ID			Number	ово/ово	GRO/DRO by	ВТЕХ Бу 8021	VOC by 8260	Metals 6010	Chloride 300		ВСООС	Верос				Remarks	:
1:07	9/	12	S		1		H1-Comp			21								х						
1:12							H2-Comp			22														
1:17							H3-Comp			23														
1:23							H4-Comp			24														
1:30	Î						H5-Comp			25														
:36							H6-Cmp			26								П						
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									ware that tampering with or intentionally mislabellintion. Sampled by:	ng the sample	locatio	on,										on ice the day t subsequent day		d or received
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ote: 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											above													
ımnles is a	nnlica	ble or	ly to th	OSP S	amnle	s rec	eived hy the lah	orato	ry with this COC. The liability of the laboratory	is limited to	the a	moun	hien t	for or	the re	nort								

or on the report.

Page 164 of 305

envirotech Inc.

Printed: 9/16/2024 10:41:59AM

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:	09/16/24 07	7:30	Work Order ID:	E409113
Phone:	(575) 631-6977	Date Logged In:	09/13/24 13	3:21	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	09/20/24 13	7:00 (4 day TAT)		
1. Does th	Custody (COC) te sample ID match the COC? te number of samples per sampling site location man	tah tha COC	No			
	amples dropped off by client or carrier?	ich die COC	Yes	a · 6		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes Yes	Carrier: <u>C</u>	<u>Courier</u>	
	Il samples received within holding time?	sica anaryses.	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.			ı	Comment	s/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Sampler name is missin	g on COC by
Sample C	•		105		client. Project Sirius 17	•
	ample cooler received?		Yes		•	
	was cooler received in good condition?		Yes		has been separated into	-
•	e sample(s) received intact, i.e., not broken?		Yes		to sample volume, WOs	sare
	custody/security seals present?		No		E409111-E409213.	
	were custody/security seals intact?		NA NA			
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C	Container_					
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:	V			
	ample ID? ate/Time Collected?		Yes	l		
	ollectors name?		Yes No			
	reservation		110			
21. Does t	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are sa	imple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does t	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
	imples required to get sent to a subcontract laborato	rv?	No			
	subcontract laboratory specified by the client and in	•		Subcontract Lab	o: NA	
	struction					
<u> </u>						
						

Date

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

Report to: Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sirius 17 Federal Com #7H

Work Order: E409290

Job Number: 01058-0007

Received: 10/1/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 10/4/24

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: 10/4/24

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Sirius 17 Federal Com #7H

Workorder: E409290

Date Received: 10/1/2024 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/1/2024 8:00:00AM, under the Project Name: Sirius 17 Federal Com #7H.

The analytical test results summarized in this report with the Project Name: Sirius 17 Federal Com #7H 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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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:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/04/24 14:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H1 - Surface	E409290-01A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H1-1'	E409290-02A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H1-2'	E409290-03A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H1-4'	E409290-04A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H2 - Surface	E409290-05A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H2-1'	E409290-06A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H2-2'	E409290-07A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H2-4'	E409290-08A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H3 - Surface	E409290-09A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H3-1'	E409290-10A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H3-2'	E409290-11A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H3-4'	E409290-12A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H4 - Surface	E409290-13A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H4-1'	E409290-14A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H4-2'	E409290-15A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H4-4'	E409290-16A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H5 - Surface	E409290-17A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H5-1'	E409290-18A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H5-2'	E409290-19A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H5-4'	E409290-20A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H1 - Surface E409290-01

	E409290-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: RKS		Batch: 2440027
ND	0.0250	1	10/01/24	10/04/24	
ND	0.0250	1	10/01/24	10/04/24	
ND	0.0250	1	10/01/24	10/04/24	
ND	0.0250	1	10/01/24	10/04/24	
ND	0.0500	1	10/01/24	10/04/24	
ND	0.0250	1	10/01/24	10/04/24	
	92.4 %	70-130	10/01/24	10/04/24	
mg/kg	mg/kg	Analy	st: RKS		Batch: 2440027
ND	20.0	1	10/01/24	10/04/24	
	97.1 %	70-130	10/01/24	10/04/24	
mg/kg	mg/kg	Analy	st: NV		Batch: 2440042
ND	25.0	1	10/01/24	10/02/24	
ND	50.0	1	10/01/24	10/02/24	
	104 %	50-200	10/01/24	10/02/24	
mg/kg	mg/kg	Analy	st: WF		Batch: 2440037
ND	20.0	1	10/01/24	10/01/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting 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 92.4 % mg/kg mg/kg mg/kg ND 20.0 97.1 % mg/kg ND 25.0 ND 50.0 104 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 92.4 % 70-130 mg/kg mg/kg Analy ND 20.0 1 97.1 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 104 % 50-200 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: RKS ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0500 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/01/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/01/24 ND 50.0 1 10/01/24 ND 50.0 1 10/01/24 ND 50.0 1 10/01/24 mg/kg mg/kg Analyst: NV	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 ND 0.0500 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/01/24 10/04/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/01/24 10/04/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/01/24 10/02/24 ND 50.0 1 10/01/24 10/02/24 ND 50.0 1 10/01/24 10/02/24

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H1-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		88.3 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		103 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H1-2' E409290-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		88.3 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		104 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H1-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		108 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H2 - Surface E409290-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		88.6 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		106 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	·



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H2-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: CG		Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.9 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		103 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	•



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H2-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: CG			Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2440042	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		104 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H2-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: CG			Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2440042	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		104 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H3 - Surface E409290-09

		L-107270 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
o,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: CG			Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.8 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2440042	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		108 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima En	vironmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box	247	Project Number:	01058-0007	Reported:
Plains T	X, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H3-1' E409290-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: CG			Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.8 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		105 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	•



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H3-2' E409290-11

		2.07270 11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
· ·	mg/kg	mg/kg	Analys	•	7 mary 200	Batch: 2440027
Volatile Organics by EPA 8021B	ND	0.0250	1	10/01/24	10/03/24	Batch. 2440027
Benzene			1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1			
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.5 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		109 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H3-4'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: CG		Batch: 2440027
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0500	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
	91.2 %	70-130	10/01/24	10/03/24	
mg/kg	mg/kg	Ana	ılyst: CG		Batch: 2440027
ND	20.0	1	10/01/24	10/03/24	
	98.4 %	70-130	10/01/24	10/03/24	
mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2440042
ND	25.0	1	10/01/24	10/03/24	
ND	50.0	1	10/01/24	10/03/24	
	109 %	50-200	10/01/24	10/03/24	
	п	A mo	ılyst: WF		Batch: 2440037
mg/kg	mg/kg	Alla	ilyst. WT		Batch: 2440037
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mD 91.2 % mg/kg mg/kg ND 20.0 98.4 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 91.2 % 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: CG ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0500 1 10/01/24 ND 0.0250 1 10/01/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/01/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/01/24 ND 25.0 1 10/01/24 ND 50.0 1 10/01/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 ND 0.0500 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/01/24 10/03/24 mg/kg mg/kg Analyst: CG 1 10/01/24 10/03/24 mg/kg mg/kg Analyst: NV 1 10/01/24 10/03/24 ND 25.0 1 10/01/24 10/03/24 ND 50.0 1 10/01/24 10/03/24



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H4 - Surface E409290-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: CG		Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		105 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	·



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H4-1'

	Reporting				
Result	Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: CG		Batch: 2440027
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0500	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
	92.6 %	70-130	10/01/24	10/03/24	
mg/kg	mg/kg	Ana	llyst: CG		Batch: 2440027
ND	20.0	1	10/01/24	10/03/24	
	98.3 %	70-130	10/01/24	10/03/24	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2440042
ND	25.0	1	10/01/24	10/03/24	
ND	50.0	1	10/01/24	10/03/24	
	107 %	50-200	10/01/24	10/03/24	
mg/kg	mg/kg	Ana	lyst: WF		Batch: 2440037
<u> </u>					
	mg/kg ND ND ND ND 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 MD 0.0250 MD 0.0250 MD 20.0250 92.6 % mg/kg MD 20.0 98.3 % mg/kg MD 25.0 ND 50.0 107 %	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 MD 25.0 1 MB/kg mg/kg Ana ND 20.0 1 MB/kg mg/kg Ana ND 25.0 1 ND 50.0 1 107 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: CG ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0500 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 mg/kg 70-130 10/01/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/01/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/01/24 ND 50.0 1 10/01/24 ND 50.0 1 10/01/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 10/01/24 10/03/24 ND 0.0500 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/01/24 10/03/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/01/24 10/03/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/01/24 10/03/24 ND 50.0 1 10/01/24 10/03/24 ND 50.0 1 10/01/24 10/03/24



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H4-2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
o,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: CG		Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.9 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		106 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H4-4'

	Danartina				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: CG		Batch: 2440027
ND	0.0250	1	10/01/24	10/04/24	_
ND	0.0250	1	10/01/24	10/04/24	
ND	0.0250	1	10/01/24	10/04/24	
ND	0.0250	1	10/01/24	10/04/24	
ND	0.0500	1	10/01/24	10/04/24	
ND	0.0250	1	10/01/24	10/04/24	
	91.7 %	70-130	10/01/24	10/04/24	
mg/kg	mg/kg	Ana	alyst: CG		Batch: 2440027
ND	20.0	1	10/01/24	10/04/24	·
	99.0 %	70-130	10/01/24	10/04/24	
mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2440042
ND	25.0	1	10/01/24	10/03/24	
ND	50.0	1	10/01/24	10/03/24	
	108 %	50-200	10/01/24	10/03/24	
Л		Δna	ılyst: WF		Batch: 2440037
mg/kg	mg/kg	7 1110	ilyst. **1		Datell. 2440037
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND 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 99.0 % 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 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 70-130 1 mg/kg mg/kg Ana ND 20.0 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 108 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: CG ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0500 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/01/24 mg/kg mg/kg Analyst: NV Mg/kg mg/kg Analyst: NV ND 25.0 1 10/01/24 ND 50.0 1 10/01/24 ND 50.0 1 10/01/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 ND 0.0500 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/01/24 10/04/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/01/24 10/04/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/01/24 10/03/24 ND 50.0 1 10/01/24 10/03/24 ND 50.0 1 10/01/24 10/03/24



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H5 - Surface E409290-17

		12407270-17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/04/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/04/24	
oluene	ND	0.0250	1	10/01/24	10/04/24	
-Xylene	ND	0.0250	1	10/01/24	10/04/24	
,m-Xylene	ND	0.0500	1	10/01/24	10/04/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/04/24	
urrogate: 4-Bromochlorobenzene-PID		91.6 %	70-130	10/01/24	10/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: CG		Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/04/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %	70-130	10/01/24	10/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
urrogate: n-Nonane		108 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	
· · · · · · · · · · · · · · · · · · ·			Anal		10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H5-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/04/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/04/24	
Toluene	ND	0.0250	1	10/01/24	10/04/24	
o-Xylene	ND	0.0250	1	10/01/24	10/04/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/04/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/04/24	
Surrogate: 4-Bromochlorobenzene-PID		92.2 %	70-130	10/01/24	10/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	10/01/24	10/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		109 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H5-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: CG		Batch: 2440027
Benzene	ND	0.0250	1	10/01/24	10/04/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/04/24	
Toluene	ND	0.0250	1	10/01/24	10/04/24	
o-Xylene	ND	0.0250	1	10/01/24	10/04/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/04/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/04/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	10/01/24	10/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: CG		Batch: 2440027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	10/01/24	10/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2440042
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/24	10/03/24	
Surrogate: n-Nonane		101 %	50-200	10/01/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: WF		Batch: 2440037
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

H5-4'

	Danartina				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: CG		Batch: 2440027
ND	0.0250	1	10/01/24	10/04/24	
ND	0.0250	1	10/01/24	10/04/24	
ND	0.0250	1	10/01/24	10/04/24	
ND	0.0250	1	10/01/24	10/04/24	
ND	0.0500	1	10/01/24	10/04/24	
ND	0.0250	1	10/01/24	10/04/24	
	91.4 %	70-130	10/01/24	10/04/24	
mg/kg	mg/kg	Anal	lyst: CG		Batch: 2440027
ND	20.0	1	10/01/24	10/04/24	
	98.3 %	70-130	10/01/24	10/04/24	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2440042
ND	25.0	1	10/01/24	10/03/24	
ND	50.0	1	10/01/24	10/03/24	
	103 %	50-200	10/01/24	10/03/24	
mg/kg	mg/kg	Anal	lyst: WF		Batch: 2440037
mg/kg	₆ ₆				
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND 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 98.3 % mg/kg MD 25.0 ND 50.0 103 %	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 MD 20.0 1 98.3 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 103 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: CG ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0500 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/01/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/01/24 ND 25.0 1 10/01/24 ND 50.0 1 10/01/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 ND 0.0500 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 ND 0.0250 1 10/01/24 10/04/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/01/24 10/04/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/01/24 10/04/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/01/24 10/03/24 ND 50.0 1 10/01/24 10/03/24 ND 50.0 1 10/01/24 10/03/24



		QC SI	umm	ary Dat	a				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Sirius 17 Feder 01058-0007	al Com #7	Н			Reported:
Plains TX, 79355-0247		Project Manager:		Tom Bynum					10/4/2024 2:20:48PM
		Volatile O	rganics	by EPA 802	21B				Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2440027-BLK1)							Prepared: 1	0/01/24 A	analyzed: 10/03/24
Benzene	ND	0.0250					-		
Ethylbenzene	ND	0.0250							
Foluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130			
LCS (2440027-BS1)							Prepared: 1	0/01/24 A	analyzed: 10/03/24
Benzene	4.61	0.0250	5.00		92.2	70-130			
Ethylbenzene	4.36	0.0250	5.00		87.3	70-130			
Coluene	4.49	0.0250	5.00		89.8	70-130			
-Xylene	4.37	0.0250	5.00		87.4	70-130			
o,m-Xylene	8.83	0.0500	10.0		88.3	70-130			
Total Xylenes	13.2	0.0250	15.0		88.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.41		8.00		92.6	70-130			
Matrix Spike (2440027-MS1)				Source:	E409290-	01	Prepared: 1	0/01/24 A	analyzed: 10/03/24
Benzene	5.08	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.87	0.0250	5.00	ND	97.5	61-133			
oluene	5.01	0.0250	5.00	ND	100	61-130			
-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
o,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.2	70-130			
Matrix Spike Dup (2440027-MSD1)				Source:	E409290-	01	Prepared: 1	0/01/24 A	analyzed: 10/03/24
Benzene	4.89	0.0250	5.00	ND	97.8	54-133	3.76	20	
Ethylbenzene	4.67	0.0250	5.00	ND	93.3	61-133	4.34	20	
Toluene	4.78	0.0250	5.00	ND	95.5	61-130	4.78	20	
o-Xylene	4.67	0.0250	5.00	ND	93.3	63-131	5.15	20	
	0.42	0.0500	10.0	ND	04.2	62 121	2.00	20	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

94.2

93.9

63-131

63-131

70-130

3.90

4.32

20

20



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

9.42

14.1

7.03

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				1	0/4/2024 2:20:48PM
	Non	halogenated	Organics l	by EPA 80	15D - GI	RO			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 (2440027-BLK1)							Prepared: 1	0/01/24 Ana	alyzed: 10/03/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			
LCS (2440027-BS2)							Prepared: 1	0/01/24 Ana	alyzed: 10/03/24
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0		83.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.8	70-130			
Matrix Spike (2440027-MS2)				Source:	E409290-0	01	Prepared: 1	0/01/24 Ana	alyzed: 10/03/24
Gasoline Range Organics (C6-C10)	38.5	20.0	50.0	ND	77.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.10		8.00		101	70-130			
Matrix Spike Dup (2440027-MSD2)				Source:	E409290-0	01	Prepared: 1	0/01/24 Ana	alyzed: 10/03/24
Gasoline Range Organics (C6-C10)	39.7	20.0	50.0	ND	79.5	70-130	3.21	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.07		8.00		101	70-130			



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	_
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/4/2024 2:20:48PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					10/4/2024 2:20:48PM
	Nonhal	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 (2440042-BLK1)							Prepared: 1	0/01/24 Ar	nalyzed: 10/02/24
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	55.2		50.0		110	50-200			
LCS (2440042-BS1)							Prepared: 1	0/01/24 Ar	nalyzed: 10/02/24
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132			
urrogate: n-Nonane	53.0		50.0		106	50-200			
Matrix Spike (2440042-MS1)				Source:	E409290-	01	Prepared: 1	0/01/24 Ar	nalyzed: 10/02/24
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	38-132			
urrogate: n-Nonane	53.0		50.0		106	50-200			
Matrix Spike Dup (2440042-MSD1)				Source:	E409290-	01	Prepared: 1	0/01/24 Ar	nalyzed: 10/02/24
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132	6.66	20	
urrogate: n-Nonane	49.7		50.0		99.4	50-200			



QC Summary Data

Pima Environmental Services-Carlsbac PO Box 247	I	Project Name: Project Number:		Sirius 17 Federa 01058-0007	l Com #7I	ł			Re	eported:
Plains TX, 79355-0247		Project Number: Project Manager:		Tom Bynum					10/4/202	24 2:20:48PM
		Anions	by EPA	300.0/9056A	\				Analy	yst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2440037-BLK1)							Prepared:	10/01/24	Analyzed	: 10/01/24
Chloride	ND	20.0								
LCS (2440037-BS1)							Prepared:	10/01/24	Analyzed:	: 10/01/24
Chloride	256	20.0	250		102	90-110				
Matrix Spike (2440037-MS1)				Source:	E409290-	05	Prepared:	10/01/24	Analyzed:	: 10/01/24
Chloride	258	20.0	250	ND	103	80-120				
Matrix Spike Dup (2440037-MSD1)				Source:	E409290-	05	Prepared:	10/01/24	Analyzed:	: 10/01/24
Chloride	254	20.0	250	ND	101	80-120	1.52	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:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/04/24 14:20

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 In	formatio	n					Ch	ain of Custod	y											Page <u>1</u>	of
	ima Envi Sirius 1						Bill To Attention: Devon Energy		Lab	WO#			e On Job I		er	1D	2D	TA	T Standard	EPA Pi	rogran SDV
	lanager:						Address:		Ēζ	Ю̈̈́	20	ol	OIO	58.	er COD-T				X		
	5614 N.					ı	City, State, Zip						Analy	sis an	d Metho	d					RC
	e, Zip Ho		M	. 88240)		Phone:													<u></u>	
	<u> 306-782-</u>					ŀ	Email:		015	8015							ł	1	200 41 00	State	T
	om@pin	naoil.c	<u>om</u>			ı	Pima Project # 1-376 (nAPP2	425352986)	<u>8</u>	by 8	021	09;	g	0.0		Σ	¥	1 1		UT AZ	1X
Report du	Date	Matrix	T	No. of	Sample ID		, mar rejectiv	Lab	DRO/ORO by 8015	GRO/DRO by	ВТЕХ Бу 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC 1		X	Remarks	<u> </u>
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7:56					H2-1'		-	6													
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telinguishe	d by: (Signa	ture)			lw.		Received by: (Signature)	Date 9-30	.24	Time	40	<u> </u>	Rece	eived	on ice:		ab U	se Onl	У		
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ample Matri	ix: S - Soil, Sd	- Solid. Se	z - Sh		queous, O - Othe		a liver 10000	Containe	-			p - p				er gla	SS, V	- VOA			
							s other arrangements are made. Hazard	ous samples will	ho rot	urnod	to cli	ont or	dicno	sed of	at the cli	nt ov	nonco	The	enort for the an	alvsis of the	abo



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mail: tom@p	maoil.co	<u>m</u>		Pima Project # 1-376 (nAPI	P242535 298 6)	by 8		8	a	0.0		ΣŽ	¥		X	O UT AZ	+'*+
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Sampled Sampled	Matrix	No. of Containers	Sample ID		Number	DRO/ORO by 8015	GRO/DRO by BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		ВСООС	Вброс			Remarks	i
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field sampler), attest	to the validity			I am aware that tampering with or intentionally m	nislabelling the sample	locatio	on.		Samp	les requi	ring thermal p	oreserva	tion m	ust be rec	ceived on ice the da	y they are samp	oled or recei
te or time of collectio	n is considere	ed fraud and	may be grounds for l	egal action. <u>Sampled by:</u>	·				packe	d in ice a	et an avg temp				5°C on subsequent	days.	
elinquished by: (Sign	nature)	Date	3024 Time	Received by (Signature)	Date 930 2	¥	Time 124	0	Rec	eived	on ice:	_	ab U ク/ N	lse On V	ly		
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Printed: 10/1/2024 10:37:51AM

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:	10/01/24 (8:00	Work Order ID	e: E409290
Phone:	(575) 631-6977	Date Logged In:	09/30/24 1	4:01	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/07/24	7:00 (4 day TAT)		
1. Does th	Custody (COC) ne sample ID match the COC? ne number of samples per sampling site location mate	ch the COC	Yes Yes Yes	Carrier: <u>C</u>	ourier	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	No	<u> </u>	<u>ourier</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	,	Comme	ents/Resolution
	Curn Around Time (TAT) a COC indicate standard TAT, or Expedited TAT?		Yes		Project Sirius 17 Fede	eral Com #7H has
Sample C	<u>Cooler</u>				been separated into 2	reports due to sample
	sample cooler received?		Yes		volume. WO are E409	9290 & E409291.
8. If yes,	was cooler received in good condition?		Yes		Sampled by not provi	ded on COC per
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		client.	
10. Were	custody/security seals present?		No		CHCIII.	
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	received w/i 15	Yes C			
	Container	<u></u>	_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample contain		Yes			
	oel field sample labels filled out with the minimum infor ample ID?	rmation:	Yes			
	ate/Time Collected?		Yes	L		
C	ollectors name?		Yes			
	<u>reservation</u>					
	the COC or field labels indicate the samples were pro-	eserved?	No			
	ample(s) correctly preserved?	. 1.0	NA			
	filteration required and/or requested for dissolved m	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 analy	zed?	NA			
28. Are sa	ract Laboratory amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	•	No NA	Subcontract Lab	: NA	
	nstruction					
	ure of client authorizing changes to the COC or sample disp				Date	envirotech Inc

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

Released to Imaging: 12/9/2024 3:54:44 PM

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: Sirius 17 Federal Com #7H

Work Order: E409291

Job Number: 01058-0007

Received: 10/1/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/7/24

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: 10/7/24

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Sirius 17 Federal Com #7H

Workorder: E409291

Date Received: 10/1/2024 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/1/2024 8:00:00AM, under the Project Name: Sirius 17 Federal Com #7H.

The analytical test results summarized in this report with the Project Name: Sirius 17 Federal Com #7H 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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Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Γ	Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Danautada
ı	PO Box 247	Project Number:	01058-0007	Reported:
	Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/07/24 09:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H6 - Surface	E409291-01A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H6-1'	E409291-02A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H6-2'	E409291-03A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H6-4'	E409291-04A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H7 - Surface	E409291-05A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H7-1'	E409291-06A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H7-2'	E409291-07A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H7-4'	E409291-08A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H8 - Surface	E409291-09A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H8-1'	E409291-10A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H8-2'	E409291-11A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.
H8-4'	E409291-12A	Soil	09/28/24	10/01/24	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H6 - Surface E409291-01

	E409291-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2440028
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0500	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
	102 %	70-130	10/01/24	10/03/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2440028
ND	20.0	1	10/01/24	10/03/24	
	95.5 %	70-130	10/01/24	10/03/24	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2440057
ND	25.0	1	10/02/24	10/03/24	
ND	50.0	1	10/02/24	10/03/24	
	105 %	50-200	10/02/24	10/03/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2440048
ND	20.0	1	10/01/24	10/01/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO2 % mg/kg mg/kg mg/kg ND 20.0 95.5 % mg/kg ND 25.0 ND 50.0 105 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 Mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 105 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0500 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/01/24 mg/kg mg/kg Analyst: AF ND 25.5 % 70-130 10/01/24 mg/kg mg/kg Analyst: AF ND 25.0 1 10/02/24 ND 50.0 1 10/02/24 ND 50.0 1 10/02/24 mg/kg mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 ND 0.0500 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/01/24 10/03/24 mg/kg mg/kg Analyst: AF ND 25.5 % 70-130 10/01/24 10/03/24 mg/kg mg/kg Analyst: AF ND 25.0 1 10/02/24 10/03/24 ND 50.0 1 10/02/24 10/03/24 ND 50.0 1 10/02/24 10/03/24

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H6-1'

		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2440028
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2440028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2440057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		104 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2440048
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H6-2'

		2.07271 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		st: BA		Batch: 2440028
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2440028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: AF		Batch: 2440057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		109 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2440048
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H6-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2440028
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2440028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: AF		Batch: 2440057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		99.4 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2440048
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H7 - Surface E409291-05

		E409291-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2440028
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2440028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2440057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		98.3 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2440048
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H7-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2440028
Benzene	ND	0.0250	1	10/01/24	10/02/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/02/24	
Toluene	ND	0.0250	1	10/01/24	10/02/24	
o-Xylene	ND	0.0250	1	10/01/24	10/02/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/02/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/02/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/01/24	10/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2440028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	10/01/24	10/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2440057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		100 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2440048
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H7-2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2440028
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2440028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: AF		Batch: 2440057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		102 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2440048
Chloride	ND	20.0	1	10/01/24	10/01/24	·



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H7-4'

E409291-0	98

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2440028
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2440028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2440057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		99.3 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2440048
Chloride	ND	20.0	1	10/01/24	10/01/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H8 - Surface E409291-09

		E409291-09				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2440028
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2440028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2440057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		99.7 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2440048
Chloride	ND	20.0	1	10/01/24	10/01/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H8-1'

	Panartina				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2440028
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
ND	0.0500	1	10/01/24	10/03/24	
ND	0.0250	1	10/01/24	10/03/24	
	103 %	70-130	10/01/24	10/03/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2440028
ND	20.0	1	10/01/24	10/03/24	
	95.8 %	70-130	10/01/24	10/03/24	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2440057
ND	25.0	1	10/02/24	10/03/24	
ND	50.0	1	10/02/24	10/03/24	
	101 %	50-200	10/02/24	10/03/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2440048
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND 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 MB/kg mg/kg ND 25.0 ND 50.0 101 %	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 Mg/kg mg/kg Anal ND 20.0 1 95.8 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 101 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0500 1 10/01/24 ND 0.0250 1 10/01/24 ND 0.0250 1 10/01/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/01/24 mg/kg mg/kg Analyst: AF ND 25.8 % 70-130 10/01/24 mg/kg mg/kg Analyst: AF ND 25.0 1 10/02/24 ND 50.0 1 10/02/24 ND 50.0 1 10/02/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 ND 0.0500 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 ND 0.0250 1 10/01/24 10/03/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/01/24 10/03/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/01/24 10/03/24 mg/kg mg/kg Analyst: AF ND 25.0 1 10/02/24 10/03/24 ND 50.0 1 10/02/24 10/03/24 ND 50.0 1 10/02/24 10/03/24



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H8-2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2440028
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2440028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: AF		Batch: 2440057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		99.2 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2440048
Chloride	ND	20.0	1	10/01/24	10/01/24	•



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

H8-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2440028
Benzene	ND	0.0250	1	10/01/24	10/03/24	
Ethylbenzene	ND	0.0250	1	10/01/24	10/03/24	
Toluene	ND	0.0250	1	10/01/24	10/03/24	
o-Xylene	ND	0.0250	1	10/01/24	10/03/24	
p,m-Xylene	ND	0.0500	1	10/01/24	10/03/24	
Total Xylenes	ND	0.0250	1	10/01/24	10/03/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2440028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/24	10/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	10/01/24	10/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: AF		Batch: 2440057
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/24	10/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/24	10/03/24	
Surrogate: n-Nonane		100 %	50-200	10/02/24	10/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2440048
Chloride	ND	20.0	1	10/01/24	10/02/24	
Chloride	ND	20.0	1	10/01/24	10/02/24	



		QC SI	umm	ary Data	a				
Pima Environmental Services-Carlsbac PO Box 247	d	Project Name: Project Number:		Sirius 17 Federa 01058-0007	al Com #7	Н			Reported:
Plains TX, 79355-0247		Project Manager:		Tom Bynum					10/7/2024 9:01:47AM
		Volatile O	rganics	by EPA 802	21B				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 (2440028-BLK1)							Prepared: 1	0/01/24 A	Analyzed: 10/02/24
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: 4-Bromochlorobenzene-PID	7.87		8.00		98.4	70-130			
LCS (2440028-BS1)							Prepared: 1	0/01/24 A	Analyzed: 10/02/24
Benzene	4.59	0.0250	5.00		91.7	70-130			
Ethylbenzene	4.37	0.0250	5.00		87.3	70-130			
Toluene	4.48	0.0250	5.00		89.6	70-130			
o-Xylene	4.36	0.0250	5.00		87.2	70-130			
o,m-Xylene	8.87	0.0500	10.0		88.7	70-130			
Total Xylenes	13.2	0.0250	15.0		88.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130			
Matrix Spike (2440028-MS1)				Source:	E409291-	06	Prepared: 1	0/01/24 A	Analyzed: 10/02/24
Benzene	5.12	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	61-133			
Toluene	5.01	0.0250	5.00	ND	100	61-130			
p-Xylene	4.90	0.0250	5.00	ND	98.0	63-131			
p,m-Xylene	9.94	0.0500	10.0	ND	99.4	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	99.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			
Matrix Spike Dup (2440028-MSD1)				Source:	E409291-	06	Prepared: 1	0/01/24 A	Analyzed: 10/02/24
Benzene	5.56	0.0250	5.00	ND	111	54-133	8.35	20	
Ethylbenzene	5.31	0.0250	5.00	ND	106	61-133	7.89	20	
Toluene	5.45	0.0250	5.00	ND	109	61-130	8.25	20	
o-Xylene	5.33	0.0250	5.00	ND	107	63-131	8.46	20	
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131	7.70	20	
Total Villanas	16.1	0.0250	15.0	ND	107	62 121	7.05	20	



16.1

8.18

0.0250

15.0

8.00

ND

107

102

63-131

70-130

7.95

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					10/7/2024 9:01:47AN	
	Nonhalogenated Organics by EPA 8015D - GRO							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	
	mg/kg	mg/kg	mg/kg	mg/kg	70	70	70	/0	Notes	
Blank (2440028-BLK1)							Prepared: 1	.0/01/24 Aı	nalyzed: 10/02/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130				
LCS (2440028-BS2)								Prepared: 10/01/24 Analyzed: 10/02/24		
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		87.9	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130				
Matrix Spike (2440028-MS2)				Source: E409291-06			Prepared: 1	d: 10/01/24 Analyzed: 10/03/24		
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0	ND	82.2	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130				
Matrix Spike Dup (2440028-MSD2)				Source:	Source: E409291-06		Prepared: 1	0/01/24 Aı	nalyzed: 10/03/24	
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.4	70-130	1.45	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130				



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/7/2024 9:01:47AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				1	10/7/2024 9:01:47AN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO		_	Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2440057-BLK1)							Prepared: 1	.0/02/24 An	nalyzed: 10/03/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.4		50.0		92.8	50-200			
LCS (2440057-BS1)							Prepared: 1	.0/02/24 An	nalyzed: 10/03/24
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	49.5		50.0		99.0	50-200			
Matrix Spike (2440057-MS1)				Source:	E409291-	08	Prepared: 1	.0/02/24 An	nalyzed: 10/03/24
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			
Matrix Spike Dup (2440057-MSD1)				Source:	E409291-	08	Prepared: 1	.0/02/24 An	nalyzed: 10/03/24
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132	0.465	20	
Surrogate: n-Nonane	49.6		50.0		99.2	50-200			

QC Summary Data

Pima Environmental Services-Carlsbac	I	Project Name: Project Number:		Sirius 17 Federa 01058-0007	ıl Com #71	I			Re	ported:
Plains TX, 79355-0247		Project Manager:		Tom Bynum					10/7/202	4 9:01:47AM
		Anions	by EPA	300.0/9056A					Analy	rst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2440048-BLK1)							Prepared:	10/01/24	Analyzed:	10/01/24
Chloride	ND	20.0								
LCS (2440048-BS1)							Prepared:	10/01/24	Analyzed:	10/01/24
Chloride	253	20.0	250		101	90-110				
Matrix Spike (2440048-MS1)				Source:	E409291-	04	Prepared:	10/01/24	Analyzed:	10/01/24
Chloride	260	20.0	250	ND	104	80-120				
Matrix Spike Dup (2440048-MSD1)				Source:	E409291-	04	Prepared:	10/01/24	Analyzed:	10/01/24
Chloride	259	20.0	250	ND	104	80-120	0.224	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:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/07/24 09:01

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 In	forr	matio	n				Chain	of Custody	/													Page	<u>3</u>	of4	Receive
Client: P Project: Project N	Sir 1ana	rius 1 ager:	Tor	edera n Byı	al Com # num		Attention: Devon Energy Address:		lab '	wo#		(lumb 58	er OOS	7	D 2	2D	TA 3D	Star	ndard X		PA Pro	ogram SDWA RCRA	\Box
Address: City, Stat Phone: { Email: Report deligations	e, Zi 306- om	р Н -782- @pir	obbs -115	s. NN 1	1. 88240		City, State, Zip Phone: Email: Pima Project # 1-376 (nAPP2425)	5352986)	O by 8015	O by 8015	8021				a Metr		WW	¥			IM CO	Sta			11/22/2024
Time Sampled	D	ate npled	Ma	etrix	No. of Containers	Sample ID		Lab Number	DRO/ORO	GRO/DRO by	втех бу 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC	верос		\perp		Ren	narks		2:42:53
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Addition	al In	struc	tion	5;	Work	Order/Billing: 2	1406300							-		_									
						city of this sample. I am	aware that tampering with or intentionally mislabell action. Sampled by:	ing the sample	locatio	on,											ice the day bsequent o		e sample	d or receive	<u>.4</u>
Relinquishe	d by:	: "(Şign	ature)		Date			Date 930	24	Time	2٢	l0	Rece	ived	on ice	: 1	_	b Us / N	e Onl	y					
Relinquishe	d by:		ature)		Date	3024 Time	necessed by: Isignature)	10 Tate			_ 1	_	T1			T.	بري 2			<u> </u>	3				
Relinitione				1	Date	50.24 Time	beseived by: (Signature)	Date 10 - 1-2	24	Time	:00		AVG	Tem	p°C	4	[
					ludge, A - A	ueous, O - Other		Containe	r Type	: g - g	glass,	p - p	oly/pla	stic,	ag - an	ber g	glass	, v -	VOA						
Note: Samp	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.																								



Release Project Ir	formatio	n							Chain (of Custody	′												Page <u>4</u>	of4_
			tal Servi		\top			Bill To							e On						TAT			rogram
			al Com #	7H		Attentio		evon Ene	rgy		Lab '	WO#	29	.	I dol	lumi	ber	1 <u>D</u>	20	3) <u>s</u>	tandard	CWA	SDWA
Project N					1 1-	\ddress:					FC	104	24	Щ	Op	<u>28.</u>	FOCO Metho	1_	<u> </u>	1	l.	_X	 	RCRA
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Report d						Pima P	roject	# 1-376	(nAPP2425	352986)	ģ Q	o by	805:	8260	010	8	ŀ	ξ				х		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID						Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC				Remarks	•
10:20	9/28	s	1	H8-2'						11								X						
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		_	-																					
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Addition	al Instruc	tions:	Work	Order/Billi	ng: 214	06300																		
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Relinguish	by: (Sign:	ature)	Date		new /	Red	ved by	(Signature)		Date Q . 20.	LY	Time	130)	T1			<u>T2</u>				<u>T3</u>		
Refriguis	ed by: (Sign:	ature)	Date	Tin	ne U400	Rece	ived by	(Signature)	Me	Date	24	Time	W		AVG	Tem	np °C	4	_					
Sample Mat	rix: S - Soil, So	1 - Solid, Sg -	Sludge, A - A	queous, O - Othe	r	_		- 		Containe	г Туре	e: g - (glass,	p - po	oly/pl	astic,	ag - am	oer gl	ass, v	/ - VC	PΑ			
Note: Sam	oles are disc	arded 30 d	ays after re	sults are report	ed unless	other arra	angeme	nts are made	. Hazardous	samples will	be ret	turned	to clic	ent or	dispo	sed o	f at the cl	ent e	pens	e. Ti	ne repo	ort for the a	nalysis of the	e above
samples is	applicable o	only to thos	e samples r	eceived by the l	laboratory	with this	COC. Th	he liability of	the laboratory	is limited to	o the a	amoun	it paid	for or	n the r	eport								



Printed: 10/1/2024 10:43:49AM

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:	10/01/24 0	08:00	Work Order ID:	E409291
Phone:	(575) 631-6977	Date Logged In:	09/30/24 1	4:03	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/07/24 1	7:00 (4 day TAT)		
	Custody (COC) ne sample ID match the COC?		Yes			
2. Does th	ne number of samples per sampling site location man	tch the COC	Yes			
3. Were s	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 in i.e, 15 minute hold time, are not included in this disucssion.		Yes	,	Commen	ts/Resolution
	Curn Around Time (TAT) a COC indicate standard TAT, or Expedited TAT?		Yes		Project Sirius 17 Federa	al Com #7H has
Sample (<u>Cooler</u>				been separated into 2 re	ports due to sample
	sample cooler received?		Yes		volume. WO are E4092	90 & E409291.
8. If yes,	was cooler received in good condition?		Yes		Sampled by not provide	ed on COC per
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		client.	1
10. Were	custody/security seals present?		No		Circuit.	
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 visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample (<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	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 Lal		.•				
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes			
	eate/Time Collected?		Yes	l		
	ollectors name?		Yes			
Sample I	reservation_					
21. Does	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subconti	act Laboratory					
28. Are s	amples required to get sent to a subcontract laborato	ry?	No			
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	: NA	
Client I	<u>nstruction</u>					
						0

Date

Report to: Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sirius 17 Federal Com #7H

Work Order: E411157

Job Number: 01058-0007

Received: 11/15/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/15/24

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: 11/15/24

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Sirius 17 Federal Com #7H

Workorder: E411157

Date Received: 11/15/2024 6:30:37AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/15/2024 6:30:37AM, under the Project Name: Sirius 17 Federal Com #7H.

The analytical test results summarized in this report with the Project Name: Sirius 17 Federal Com #7H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Γ	Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Donoutode
ı	PO Box 247	Project Number:	01058-0007	Reported:
	Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/24 16:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
C1-1.5'	E411157-01A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C2-1.5'	E411157-02A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C3-1'	E411157-03A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C4-1'	E411157-04A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C5-1'	E411157-05A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C6-1'	E411157-06A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C7-1'	E411157-07A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C8-1'	E411157-08A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C9-1'	E411157-09A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C10-1'	E411157-10A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C11-1'	E411157-11A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C12-1'	E411157-12A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C13-1'	E411157-13A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C14-1'	E411157-14A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C15-1'	E411157-15A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C16-1'	E411157-16A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C17-1'	E411157-17A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C18-1'	E411157-18A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C19-1'	E411157-19A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C20-1'	E411157-20A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

C1-1.5' E411157-01

		E-711137-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		94.6 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2446130
Chloride	64.4	20.0	1	11/15/24	11/15/24	



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C2-1.5'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		98.6 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2446130
Chloride	108	20.0	1	11/15/24	11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

C3-1'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	llyst: BA		Batch: 2446134
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0500	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
	90.2 %	70-130	11/14/24	11/15/24	
mg/kg	mg/kg	Ana	llyst: BA		Batch: 2446134
ND	20.0	1	11/14/24	11/15/24	
	90.7 %	70-130	11/14/24	11/15/24	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2446127
54.6	25.0	1	11/15/24	11/15/24	
ND	50.0	1	11/15/24	11/15/24	
	93.4 %	50-200	11/15/24	11/15/24	
mg/kg	mg/kg	Ana	llyst: JM		Batch: 2446130
	mg/kg ND ND ND ND ND ND ND ND ND SSSSSSSSSSS	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 90.7 % mg/kg mg/kg mg/kg 54.6 25.0 ND 50.0	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 90.2 % 70-130 mg/kg mg/kg Ana ND 20.0 1 90.7 % 70-130 1 mg/kg mg/kg Ana 54.6 25.0 1 ND 50.0 1	mg/kg mg/kg Analyst: BA ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0500 1 11/14/24 ND 0.0250 1 11/14/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 mg/kg mg/kg Analyst: NV 54.6 25.0 1 11/15/24 ND 50.0 1 11/15/24	mg/kg MD 0.0250 1 11/14/24 11/15/24 ND 0.0500 1 11/14/24 11/15/24 ND 0.0250 1 11/14/24 11/15/24 ND 0.0250 1 11/14/24 11/15/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 11/15/24 MD 20.0 1 11/14/24 11/15/24 mg/kg mg/kg Analyst: BA ND 70-130 11/14/24 11/15/24 mg/kg mg/kg Analyst: NV 54.6 25.0 1 11/15/24 11/15/24 ND 50.0 1 11/15/24 11/15/24



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Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

C4-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		97.9 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2446130
Chloride	492	20.0	1	11/15/24	11/15/24	



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C5-1'

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	A	nalyst: BA		Batch: 2446134
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0500	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
	90.8 %	70-130	11/14/24	11/15/24	
mg/kg	mg/kg	A	nalyst: BA		Batch: 2446134
ND	20.0	1	11/14/24	11/15/24	
	90.4 %	70-130	11/14/24	11/15/24	
mg/kg	mg/kg	A	nalyst: NV		Batch: 2446127
ND	25.0	1	11/15/24	11/15/24	
ND	50.0	1	11/15/24	11/15/24	
	02.1.0/	50-200	11/15/24	11/15/24	
	92.1 %	30-200	11/13/27		
mg/kg	92.1 % mg/kg		nalyst: JM		Batch: 2446130
	mg/kg ND ND ND ND 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 MD 0.0250 MD 0.0250 90.8 % mg/kg MD 20.0 90.4 % mg/kg MD 25.0	Result Limit Dilution 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 mg/kg mg/kg A ND 20.0 1 90.4 % 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 11/14/24 ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0500 1 11/14/24 ND 0.0250 1 11/14/24 mg/kg 70-130 11/14/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/15/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 11/14/24 11/15/24 ND 0.0500 1 11/14/24 11/15/24 ND 0.0250 1 11/14/24 11/15/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 11/15/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 11/15/24 mg/kg Mg/kg Nalyst: NV



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C6-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	0.0345	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	0.0544	0.0500	1	11/14/24	11/15/24	
Total Xylenes	0.0889	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		88.1 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2446130
Chloride	2870	40.0	2	11/15/24	11/15/24	



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C7-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	0.0720	0.0500	1	11/14/24	11/15/24	
Total Xylenes	0.0720	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		83.8 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2446130
Chloride	3030	40.0	2	11/15/24	11/15/24	



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C8-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		85.4 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2446130
Chloride	3030	40.0	2	11/15/24	11/15/24	•



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C9-1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	31.3	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		96.3 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2446130
Chloride	860	20.0	1	11/15/24	11/15/24	•



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C10-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		93.9 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2446130
Chloride	25,6	20.0	1	11/15/24	11/15/24	



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C11-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		83.4 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2446130



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C12-1'

		Reporting					
Analyte	Result	Limit	Dilut	ion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Α	Analyst: BA			Batch: 2446134
Benzene	ND	0.0250	1		11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1		11/14/24	11/15/24	
Toluene	ND	0.0250	1		11/14/24	11/15/24	
o-Xylene	ND	0.0250	1		11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1		11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1		11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA				Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV	7		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1		11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1		11/15/24	11/15/24	
Surrogate: n-Nonane		97.6 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM	I		Batch: 2446130
Chloride	20.7	20.0	1		11/15/24	11/15/24	·



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C13-1'

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0500	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
	98.4 %	70-130	11/14/24	11/15/24	
mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
ND	20.0	1	11/14/24	11/15/24	
	92.0 %	70-130	11/14/24	11/15/24	
mg/kg	mg/kg	An	alyst: NV		Batch: 2446127
ND	25.0	1	11/15/24	11/15/24	
ND	50.0	1	11/15/24	11/15/24	
	96.2 %	50-200	11/15/24	11/15/24	
mg/kg	mg/kg	An	alyst: JM		Batch: 2446130
			· ·		
	mg/kg ND ND ND ND 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 MD 0.0250 MD 0.0250 MD 20.0250 98.4 % mg/kg MD 20.0 92.0 % mg/kg MD 25.0 ND 50.0 96.2 %	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg An ND 20.0 1 Mg/kg mg/kg An ND 25.0 1 ND 50.0 1 96.2 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0500 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/15/24 ND 50.0 1 11/15/24 ND 50.0 1 11/15/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 11/14/24 11/15/24 ND 0.0500 1 11/14/24 11/15/24 ND 0.0250 1 11/14/24 11/15/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 11/15/24 Mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 11/15/24 Mg/kg mg/kg Analyst: NV ND 25.0 1 11/15/24 11/15/24 ND 50.0 1 11/15/24 11/15/24 ND 50.0 1 11/15/24 11/15/24



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

C14-1'

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2446134
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0500	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
	98.7 %	70-130	11/14/24	11/15/24	
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2446134
ND	20.0	1	11/14/24	11/15/24	
	91.4 %	70-130	11/14/24	11/15/24	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2446127
ND	25.0	1	11/15/24	11/15/24	
ND	50.0	1	11/15/24	11/15/24	
	99.8 %	50-200	11/15/24	11/15/24	
mg/kg	mg/kg	Ana	alyst: JM		Batch: 2446130
	mg/kg ND ND ND ND 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 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg MD 20.0 91.4 % 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 91.4 % 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 11/14/24 ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0500 1 11/14/24 ND 0.0250 1 11/14/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/15/24 ND 50.0 1 11/15/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 11/14/24 11/15/24 ND 0.0500 1 11/14/24 11/15/24 ND 0.0250 1 11/14/24 11/15/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 11/15/24 Mg/kg mg/kg Analyst: BA 11/14/24 11/15/24 Mg/kg mg/kg Analyst: NV 11/15/24 11/15/24 ND 25.0 1 11/15/24 11/15/24 ND 25.0 1 11/15/24 11/15/24 ND 50.0 1 11/15/24 11/15/24



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

C15-1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		95.1 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: JM		Batch: 2446130
Chloride	ND	20.0	1	11/15/24	11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

C16-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	0.0781	0.0500	1	11/14/24	11/15/24	
Total Xylenes	0.0781	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	27.4	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		101 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2446130
Chloride	746	20.0	1	11/15/24	11/15/24	•



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

C17-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	25.5	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		85.1 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2446130
Chloride	300	20.0	1	11/15/24	11/15/24	·



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

C18-1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	291	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	102	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		86.6 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2446130
Chloride	867	20.0	1	11/15/24	11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

C19-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		83.8 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2446130
Chloride	862	20.0	1	11/15/24	11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

C20-1'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: BA	L		Batch: 2446134
Benzene	ND	0.0250	1		11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1		11/14/24	11/15/24	
Toluene	ND	0.0250	1		11/14/24	11/15/24	
o-Xylene	ND	0.0250	1		11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1		11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1		11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: BA	L		Batch: 2446134
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV	7		Batch: 2446127
Diesel Range Organics (C10-C28)	ND	25.0	1		11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1		11/15/24	11/15/24	
Surrogate: n-Nonane		94.8 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM	I		Batch: 2446130
Chloride	999	20.0	1		11/15/24	11/15/24	



Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	·
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

Plains TX, 79355-0247		Project Number: Project Manager:		m Bynum					11/15/2024 4:26:39PM
		Volatile O	rganics b	y EPA 802	21B				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 (2446134-BLK1)						I	Prepared: 11	1/14/24 Aı	nalyzed: 11/14/24
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: 4-Bromochlorobenzene-PID	7.93		8.00		99.1	70-130			
LCS (2446134-BS1)						I	Prepared: 11	1/14/24 Aı	nalyzed: 11/14/24
Benzene	5.16	0.0250	5.00		103	70-130			
Ethylbenzene	5.28	0.0250	5.00		106	70-130			
Toluene	5.30	0.0250	5.00		106	70-130			
o-Xylene	5.31	0.0250	5.00		106	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			
LCS Dup (2446134-BSD1)						I	Prepared: 11	1/14/24 Aı	nalyzed: 11/14/24
Benzene	4.93	0.0250	5.00		98.7	70-130	4.53	20	
Ethylbenzene	5.06	0.0250	5.00		101	70-130	4.31	20	
Toluene	5.06	0.0250	5.00		101	70-130	4.52	20	
o-Xylene	5.10	0.0250	5.00		102	70-130	4.18	20	
p,m-Xylene	10.3	0.0500	10.0		103	70-130	4.23	20	
Total Xylenes	15.4	0.0250	15.0		103	70-130	4.21	20	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	_
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

Plains TX, 79355-0247		Project Manager		m Bynum				11/	15/2024 4:26:39PM
	Non	halogenated (Organics l	by EPA 801	15D - Gl	RO			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 (2446134-BLK1)							Prepared: 1	1/14/24 Anal	yzed: 11/14/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			
LCS (2446134-BS2)							Prepared: 1	1/14/24 Anal	yzed: 11/14/24
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			
LCS Dup (2446134-BSD2)							Prepared: 1	1/14/24 Anal	yzed: 11/14/24
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0		85.9	70-130	0.972	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	-
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:26:39PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum					11/15/2024 4:26:39PM		
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: NV		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result	Rec %	Rec Limits	RPD %	RPE Limi %			
	mg/kg	mg/kg	mg/kg	mg/kg	/0	/0	/0	/0	notes		
Blank (2446127-BLK1)							Prepared: 1	1/14/24	Analyzed: 11/15/24		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	54.1		50.0		108	50-200					
LCS (2446127-BS1)							Prepared: 1	1/14/24	Analyzed: 11/15/24		
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132					
Surrogate: n-Nonane	53.2		50.0		106	50-200					
LCS Dup (2446127-BSD1)							Prepared: 1	1/14/24	Analyzed: 11/15/24		
Diesel Range Organics (C10-C28)	276	25.0	250		110	38-132	5.55	20			
Surrogate: n-Nonane	55.8		50.0		112	50-200					



257

258

20.0

20.0

LCS (2446130-BS1)

LCS Dup (2446130-BSD1)

Chloride

Chloride

Prepared: 11/14/24 Analyzed: 11/15/24

Prepared: 11/14/24 Analyzed: 11/15/24

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager	:	Sirius 17 Federa 01058-0007 Tom Bynum	al Com #7	Н			Reported: 11/15/2024 4:26:39PM
		Anions	by EPA	300.0/9056	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2446130-BLK1)							Prepared: 1	1/14/24 <i>A</i>	Analyzed: 11/15/24
Chloride	ND	20.0							

250

250

103

103

90-110

90-110

0.310

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:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/24 16:26

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.



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	Ра

Client: Pi	ma Envi	ronmen	tal Servi	ces		Bill	То				La	ab Us	e Onl	٧					TAT		EPA P	rogram
Project:	Sirius 1	7 Feder	al Com #			Attention: Devon Er	nergy		Lab	WO#	†				ger_	,	1D	2D	3D	Standard	CWA	SDWA
	lanager:					Address:			E4	1111	5	1	Job N	18.1	1001		X					
	5614 N.					City, State, Zip							Analys	sis ar	nd Met	thod						RCRA
	ity, State, Zip Hobbs, NM, 88240 Phone:																					
	306-782-					Email:			015	015				62.3						NA CO	State	TV
	om@pin	naoil.coi	m			Pima Project # 1-37	6 (nAPP24253	352986)	by 8	by 8	021	09	10	0.00			NM	×			UT AZ	IX
Report du						· iiiia · rojooc »			ORO	DRO	by 8	y 82	s 60	de 3			- 1			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	
1:33	11/13/24	S	1	C1-1.5				1									Х					
1:35				C2-1.5	V.			2														
1:40				C3-1'				3														
1:45				C4-1'				4														
1:56				C5-1'				5														
2:00				C6-1'				6														
2:11				C7-1'				7														
2:17				C8-1'				8														
2:24				C9-1'				9														
2129				C10-1'				10														
Addition	al Instruc	tions:	Work	Order/B	illing: 21	406300																
			and authent	0.000	mple. I am av	vare that tampering with or inter	A 2- 200 6 1111-111	g the sample	location	on,			W. A. A. A. A. A. A. A. A. A. A. A. A. A.							ived on ice the day 'C on subsequent d		ed or received
Relinquishe	d by: (Signa	iture)	Date	14/24	Time 2 ! 0(Received by: (Signatur	Pongales	Date 11-14-2	24	Time	400	>	Rece	ived	on ic	e:		ab Us	e Only	/		
Relinquishe	d by: (Signa	ture)	les II-	14-24	Time 1600	Received by: (Signature	SO SO	Date 11.14.2		Time	700)	T1				T2			T3		
Relinguished by: (Signature) Date Time Regered by: (Signature)					Hills.	Tell of	Time			AVG	Tem	p°C	4									
sample Matr	AND NOW UNITED TO THE PARTY OF						Containe		175 -	-		oly/pla	astic,	ag - a	mbe	r glas	s, v -	VOA				
Note: Samp	les are disc	arded 30 d	lays after re	sults are rep	orted unles	s other arrangements are ma y with this COC. The liability		amples will	be ret	turnec	to cli	ent o	dispos	sed o	f at the					port for the an	alysis of the	above
	11	7				, whe seems as a seems !								-	_	_						



by OCD: 11/22/2024 2:42:53 PM

Page 2 of 5

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.



Printed: 11/15/2024 9:04:25AM

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:	11/15/24 0		Work Order ID: E411157
Phone:	(575) 631-6977	Date Logged In:	11/14/24 1		Logged In By: Noe Soto
Email:	tom@pimaoil.com	Due Date:	11/15/24 1	17:00 (0 day TAT)	
Chain of	Custody (COC)				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location mate	ch the COC	Yes		
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	e COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes		
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		Comments/Resolution
Sample 7	Furn Around Time (TAT)				
	e COC indicate standard TAT, or Expedited TAT?		Yes		Sampled by name is missing on COC by
Sample (•				client. Project Sirius 17 Federal Com #7H
	sample cooler received?		Yes		has been separated into 2 WOs due to high
	was cooler received in good condition?		Yes		1
•	e sample(s) received intact, i.e., not broken?		Yes		sample volume, WOs are
	custody/security seals present?				E411157-E411158.
	, were custody/security seals intact?		No		
•	·		NA		
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes		
	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>		
	Container VOC				
	queous VOC samples present?		No		
	OC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	a 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	ers collected?	Yes		
Field Lal	<u>bel</u> field sample labels filled out with the minimum infor				
	ample ID?	illiation.	Yes		
	Date/Time Collected?		Yes		
	collectors name?		No		
	Preservation the COC or field labels indicate the samples were pro-	ogowyod?	No		
	the COC or field labels indicate the samples were pro-	eserveu?	No		
	ample(s) correctly preserved? filteration required and/or requested for dissolved m	otolo?	NA N-		
		ctais:	No		
	ase Sample Matrix	0			
	the sample have more than one phase, i.e., multiphas		No		
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA		
Subconti	ract Laboratory				
28. Are s	amples required to get sent to a subcontract laborator	y?	No		
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	o: NA
Client I	<u>nstruction</u>				

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: Sirius 17 Federal Com #7H

Work Order: E411158

Job Number: 01058-0007

Received: 11/15/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/15/24

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: 11/15/24

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Sirius 17 Federal Com #7H

Workorder: E411158

Date Received: 11/15/2024 6:30:37AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/15/2024 6:30:37AM, under the Project Name: Sirius 17 Federal Com #7H.

The analytical test results summarized in this report with the Project Name: Sirius 17 Federal Com #7H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Donoutoda	
PO Box 247	Project Number:	01058-0007	Reported:	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/24 16:30	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
C21-1'	E411158-01A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C21-1'	E411158-02A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C22-1'	E411158-03A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C23-1'	E411158-04A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C24-1'	E411158-05A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C25-1'	E411158-06A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C26-1'	E411158-07A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C27-1'	E411158-08A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C28-1'	E411158-09A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C29-1'	E411158-10A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C30-1'	E411158-11A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C31-1'	E411158-12A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C32-1'	E411158-13A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C33-1'	E411158-14A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C34-1'	E411158-15A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C35-1'	E411158-16A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
C36-1'	E411158-17A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
W1-1'	E411158-18A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
W2-1'	E411158-19A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
W3-1'	E411158-20A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
W4-1'	E411158-21A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
W5-1'	E411158-22A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
W6-1'	E411158-23A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.
W7-1.5'	E411158-24A	Soil	11/13/24	11/15/24	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C21-1' E411158-01

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY	-		Batch: 2446135
Benzene	ND	0.0250	1		11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1		11/14/24	11/15/24	
Toluene	ND	0.0250	1		11/14/24	11/15/24	
o-Xylene	ND	0.0250	1		11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1		11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1		11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		106 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY	-		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		106 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	V		Batch: 2446128
Diesel Range Organics (C10-C28)	53.6	25.0	1		11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	11/15/24	11/15/24	
Surrogate: n-Nonane		97.2 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: JM	1		Batch: 2446132



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C21-1'

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2446135
Benzene	ND	0.0250		1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250		1	11/14/24	11/15/24	
Toluene	ND	0.0250		1	11/14/24	11/15/24	
o-Xylene	ND	0.0250		1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500		1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		106 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		104 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		106 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		104 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2446128
Diesel Range Organics (C10-C28)	39.8	25.0		1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/15/24	11/15/24	
Surrogate: n-Nonane		91.3 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2446132
Chloride	843	20.0	<u> </u>	1	11/15/24	11/15/24	•

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C22-1'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250		1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250		1	11/14/24	11/15/24	
Toluene	ND	0.0250		1	11/14/24	11/15/24	
o-Xylene	ND	0.0250		1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500		1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	<u> </u>	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		107 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		107 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	27.6	25.0		1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/15/24	11/15/24	
Surrogate: n-Nonane		101 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
	828	20.0		1	11/15/24	11/15/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C23-1'

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250	1	l	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1]	11/14/24	11/15/24	
Toluene	ND	0.0250	1	l	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	l	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	l	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene	·	106 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		104 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		106 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		104 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/15/24	11/15/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/15/24	11/15/24	
Surrogate: n-Nonane		102 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
	1220	20.0	1		11/15/24	11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C24-1'

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250		1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250		1	11/14/24	11/15/24	
Toluene	ND	0.0250		1	11/14/24	11/15/24	
o-Xylene	ND	0.0250		1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500		1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	29.0	25.0		1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/15/24	11/15/24	
Surrogate: n-Nonane		90.3 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
-	955	20.0		1	11/15/24	11/15/24	



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C25-1'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250	1	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		106 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		106 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	30.0	25.0	1	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/15/24	11/15/24	
Surrogate: n-Nonane		91.4 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
						11/15/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C26-1'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250	1	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	l	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		102 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		106 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		102 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		106 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	37.6	25.0	1	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/15/24	11/15/24	
Surrogate: n-Nonane		89.3 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
· -	1090	20.0	1		11/15/24	11/15/24	



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Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C27-1'

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2446135
Benzene	ND	0.0250		1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250		1	11/14/24	11/15/24	
Toluene	ND	0.0250		1	11/14/24	11/15/24	
o-Xylene	ND	0.0250		1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500		1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		106 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		106 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2446128
Diesel Range Organics (C10-C28)	ND	25.0		1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/15/24	11/15/24	
Surrogate: n-Nonane		91.4 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2446132
Chloride	955	20.0		1	11/15/24	11/15/24	

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C28-1'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250	1	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		106 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		106 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		106 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		106 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/15/24	11/15/24	
Surrogate: n-Nonane		97.8 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
		20.0			11/15/24	11/15/24	

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Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C29-1'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250	1	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	l	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		103 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		103 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	102	25.0	1	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	60.2	50.0	1	1	11/15/24	11/15/24	
Surrogate: n-Nonane		102 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132



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C30-1'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250	1	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		107 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		107 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	38.3	25.0	1	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/15/24	11/15/24	
Surrogate: n-Nonane		97.2 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
	970	20.0	1		11/15/24	11/15/24	



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Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C31-1'

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2446135
Benzene	ND	0.0250		1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250		1	11/14/24	11/15/24	
Toluene	ND	0.0250		1	11/14/24	11/15/24	
o-Xylene	ND	0.0250		1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500		1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		104 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		104 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2446128
Diesel Range Organics (C10-C28)	ND	25.0		1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/15/24	11/15/24	
Surrogate: n-Nonane		98.7 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2446132
Chloride	739	20.0		1	11/15/24	11/15/24	

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C32-1'

	_	Reporting	_				
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2446135
Benzene	ND	0.0250	1	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	l	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	l	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	l	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		104 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: I	Y		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		104 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	-	Analyst: N	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	37.3	25.0	1	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/15/24	11/15/24	
Surrogate: n-Nonane		103 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: V	WF		Batch: 2446132
Chloride	762	20.0	1	1	11/15/24	11/15/24	



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Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C33-1'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250	1		11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1		11/14/24	11/15/24	
Toluene	ND	0.0250	1	l	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	l	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	l	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1		11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		97.6 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		97.6 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	ND	25.0	1		11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	11/15/24	11/15/24	
Surrogate: n-Nonane		96.3 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
						11/15/24	

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Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C34-1'

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250	1	l	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	[11/14/24	11/15/24	
Toluene	ND	0.0250	1	l	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	l	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	l	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	82.1	25.0	1	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	[11/15/24	11/15/24	
Surrogate: n-Nonane		95.7 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
					11/15/24	11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C35-1'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250	1		11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1		11/14/24	11/15/24	
Toluene	ND	0.0250	1	l	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	l	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1		11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1		11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		99.5 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		99.5 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		105 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	55.3	25.0	1		11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1		11/15/24	11/15/24	
Surrogate: n-Nonane		103 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
	998	20.0	1		11/15/24	11/15/24	



Pima En	vironmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box	247	Project Number:	01058-0007	Reported:
Plains T	X, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

C36-1'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250	1		11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1		11/14/24	11/15/24	
Toluene	ND	0.0250	1	l	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1		11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	l	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	ļ.	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene	·	96.7 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		102 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		96.7 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		102 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	ND	25.0	1		11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1		11/15/24	11/15/24	
Surrogate: n-Nonane		88.7 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
		20.0			11/15/24	11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

W1-1'

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250		1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250		1	11/14/24	11/15/24	
Toluene	ND	0.0250		1	11/14/24	11/15/24	
o-Xylene	ND	0.0250		1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500		1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		96.7 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		104 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		96.7 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		104 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	ND	25.0		1	11/15/24	11/15/24	-
Oil Range Organics (C28-C36)	ND	50.0		1	11/15/24	11/15/24	
Surrogate: n-Nonane		85.5 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
Chloride	1370	20.0		1	11/15/24	11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
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W2-1'

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2446135
Benzene	ND	0.0250		1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250		1	11/14/24	11/15/24	
Toluene	ND	0.0250		1	11/14/24	11/15/24	
o-Xylene	ND	0.0250		1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500		1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		96.4 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		107 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		96.4 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		107 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2446128
Diesel Range Organics (C10-C28)	29.0	25.0		1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/15/24	11/15/24	
Surrogate: n-Nonane		84.5 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2446132
Chloride	692	20.0		1	11/15/24	11/15/24	



Pima En	vironmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box	247	Project Number:	01058-0007	Reported:
Plains T	X, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

W3-1'

		E411158-20					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Benzene	ND	0.0250		1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250		1	11/14/24	11/15/24	
Toluene	ND	0.0250		1	11/14/24	11/15/24	
o-Xylene	ND	0.0250		1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500		1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		103 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446135
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/14/24	11/15/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130		11/14/24	11/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		11/14/24	11/15/24	
Surrogate: Toluene-d8		103 %	70-130		11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446128
Diesel Range Organics (C10-C28)	56.0	25.0		1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/15/24	11/15/24	
Surrogate: n-Nonane		90.8 %	50-200		11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2446132
Chloride	878	20.0		1	11/15/24	11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

W4-1'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	.nalyst: BA		Batch: 2446136
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2446136
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2446129
Diesel Range Organics (C10-C28)	29.7	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		96.7 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: WF		Batch: 2446131
Chloride	615	20.0	1	11/15/24	11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

W5-1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2446136
Benzene	ND	0.0250	1	11/14/24	11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/24	11/15/24	
Toluene	ND	0.0250	1	11/14/24	11/15/24	
o-Xylene	ND	0.0250	1	11/14/24	11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/24	11/15/24	
Total Xylenes	ND	0.0250	1	11/14/24	11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2446136
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/24	11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	11/14/24	11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2446129
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/15/24	
Surrogate: n-Nonane		99.1 %	50-200	11/15/24	11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: WF		Batch: 2446131
	681	20.0	1	11/15/24	11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

W6-1'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepare	ed Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2446136
Benzene	ND	0.0250	1	11/14/2	24 11/15/24	
Ethylbenzene	ND	0.0250	1	11/14/2	24 11/15/24	
Toluene	ND	0.0250	1	11/14/2	24 11/15/24	
o-Xylene	ND	0.0250	1	11/14/2	24 11/15/24	
p,m-Xylene	ND	0.0500	1	11/14/2	24 11/15/24	
Total Xylenes	ND	0.0250	1	11/14/2	24 11/15/24	
Surrogate: 4-Bromochlorobenzene-PID		85.7 %	70-130	11/14/2	24 11/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2446136
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/2	24 11/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	11/14/2	24 11/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2446129
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/2	24 11/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/2	24 11/15/24	
Surrogate: n-Nonane		96.0 %	50-200	11/15/2	24 11/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: WF		Batch: 2446131
Chloride	770	20.0	1	11/15/2	24 11/15/24	



Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

W7-1.5'

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2446136
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
ND	0.0500	1	11/14/24	11/15/24	
ND	0.0250	1	11/14/24	11/15/24	
	89.9 %	70-130	11/14/24	11/15/24	
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2446136
ND	20.0	1	11/14/24	11/15/24	
	93.3 %	70-130	11/14/24	11/15/24	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2446129
33.3	25.0	1	11/15/24	11/15/24	
ND	50.0	1	11/15/24	11/15/24	
	98.0 %	50-200	11/15/24	11/15/24	
mg/kg	mg/kg	Ana	alyst: WF		Batch: 2446131
	mg/kg ND ND ND ND 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 MD 0.0250 89.9 % mg/kg MD 20.0 93.3 % mg/kg mg/kg mg/kg ND 50.0 98.0 %	Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 89.9 % 70-130 mg/kg mg/kg And ND 20.0 1 93.3 % 70-130 mg/kg mg/kg And 33.3 25.0 1 ND 50.0 1 98.0 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0500 1 11/14/24 ND 0.0250 1 11/14/24 ND 0.0250 1 11/14/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 mg/kg mg/kg Analyst: NV 33.3 25.0 1 11/15/24 ND 50.0 1 11/15/24 98.0 % 50-200 11/15/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 11/14/24 11/15/24 ND 0.0500 1 11/14/24 11/15/24 ND 0.0250 1 11/14/24 11/15/24 Mg/kg mg/kg Analyst: BA ND 20.0 1 11/14/24 11/15/24 Mg/kg mg/kg Analyst: BA ng/kg mg/kg Analyst: NV 33.3 25.0 1 11/15/24 11/15/24 ND 50.0 1 11/15/24 11/15/24 ND 50.0 1 11/15/24 11/15/24



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

PO Box 247 Plains TX, 79355-0247		Project Number Project Manage		om Bynum				11/	15/2024 4:30:50PN
	V	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2446135-BLK1)							Prepared: 1	1/14/24 Anal	yzed: 11/14/24
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	0.477		0.500		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
LCS (2446135-BS1)							Prepared: 1	1/14/24 Anal	yzed: 11/14/24
Benzene	2.38	0.0250	2.50		95.1	70-130			
Ethylbenzene	2.62	0.0250	2.50		105	70-130			
Toluene	2.49	0.0250	2.50		99.7	70-130			
o-Xylene	2.64	0.0250	2.50		106	70-130			
p,m-Xylene	5.27	0.0500	5.00		105	70-130			
Total Xylenes	7.90	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			
LCS Dup (2446135-BSD1)							Prepared: 1	1/14/24 Anal	yzed: 11/14/24
Benzene	2.46	0.0250	2.50		98.5	70-130	3.55	23	
Ethylbenzene	2.69	0.0250	2.50		107	70-130	2.51	27	
Toluene	2.56	0.0250	2.50		102	70-130	2.50	24	
o-Xylene	2.84	0.0250	2.50		114	70-130	7.39	27	
p,m-Xylene	5.71	0.0500	5.00		114	70-130	8.05	27	
Total Xylenes	8.55	0.0250	7.50		114	70-130	7.83	27	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			

0.494



70-130

Surrogate: Toluene-d8

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

ſ	Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
	PO Box 247	Project Number:	01058-0007	Reported.
	Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager		om Bynum				1	11/15/2024 4:30:50PM			
Volatile Organics by EPA 8021B 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 (2446136-BLK1)						P	Prepared: 11	1/14/24 Ar	nalyzed: 11/14/24			
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: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130						
LCS (2446136-BS1)						F	Prepared: 11	1/14/24 Ar	nalyzed: 11/14/24			
Benzene	4.85	0.0250	5.00		97.0	70-130						
Ethylbenzene	4.96	0.0250	5.00		99.2	70-130						
Toluene	4.99	0.0250	5.00		99.7	70-130						
o-Xylene	4.98	0.0250	5.00		99.5	70-130						
p,m-Xylene	10.1	0.0500	10.0		101	70-130						
Total Xylenes	15.1	0.0250	15.0		100	70-130						
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.2	70-130						
LCS Dup (2446136-BSD1)						F	Prepared: 11	1/14/24 Ar	nalyzed: 11/14/24			
Benzene	4.78	0.0250	5.00		95.7	70-130	1.43	20				
Ethylbenzene	4.91	0.0250	5.00		98.2	70-130	1.05	20				
Toluene	4.93	0.0250	5.00		98.6	70-130	1.08	20				
o-Xylene	4.94	0.0250	5.00		98.9	70-130	0.644	20				
o,m-Xylene	9.99	0.0500	10.0		99.9	70-130	0.928	20				
Total Xylenes	14.9	0.0250	15.0		99.5	70-130	0.834	20				



QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Sirius 17 Federal Com #7HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum11/15/2024 4:30:50PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

st: 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 (2446135-BLK1)						Prepared: 11	/14/24 Analyz	zed: 11/14/24	
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.477		0.500	95.4	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500	98.6	70-130				
Surrogate: Toluene-d8	0.504		0.500	101	70-130				
LCS (2446135-BS2)						Prepared: 11	/14/24 Analyz	red: 11/14/24	
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	99.6	70-130				
Surrogate: Bromofluorobenzene	0.502		0.500	100	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500	95.0	70-130				
Surrogate: Toluene-d8	0.508		0.500	102	70-130				
LCS Dup (2446135-BSD2)						Prepared: 11/14/24 Analyzed: 11/14/24			
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	98.4	70-130	1.14	20		
Surrogate: Bromofluorobenzene	0.488		0.500	97.5	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500	93.8	70-130				
Surrogate: Toluene-d8	0.516		0.500	103	70-130				



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum				11/	15/2024 4:30:50PI	
	Nonhalogenated Organics by EPA 8015D - GRO							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 (2446136-BLK1)							Prepared: 1	1/14/24 Anal	yzed: 11/14/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130				
LCS (2446136-BS2)							Prepared: 1	1/14/24 Anal	yzed: 11/14/24	
Gasoline Range Organics (C6-C10)	39.0	20.0	50.0		78.1	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130				
LCS Dup (2446136-BSD2)							Prepared: 1	1/14/24 Anal	yzed: 11/15/24	
Gasoline Range Organics (C6-C10)	35.9	20.0	50.0		71.8	70-130	8.43	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.3	70-130				

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247	Project Number:	01058-0007	-
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum					11/15/2024 4:30:50PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			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
	mg/kg	mg/kg	mg/kg	mg/kg	/0	/0	/0	/0	Notes
Blank (2446128-BLK1)							Prepared: 1	1/14/24 A	analyzed: 11/15/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.9		50.0		108	50-200			
LCS (2446128-BS1)							Prepared: 1	1/14/24 A	nalyzed: 11/15/24
Diesel Range Organics (C10-C28)	276	25.0	250		110	38-132			
Surrogate: n-Nonane	55.8		50.0		112	50-200			
LCS Dup (2446128-BSD1)							Prepared: 1	1/14/24 A	nalyzed: 11/15/24
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132	2.81	20	
Surrogate: n-Nonane	54.6		50.0		109	50-200			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name: Sirius 17 Federal Com #7H		Reported:
PO Box 247	Project Number:	01058-0007	-
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2024 4:30:50PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				11	/15/2024 4:30:50PM
	Nonha	logenated Or	ganics by l	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 (2446129-BLK1)							Prepared: 1	1/14/24 Ana	lyzed: 11/15/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.5		50.0		101	50-200			
LCS (2446129-BS1)							Prepared: 1	1/14/24 Ana	lyzed: 11/15/24
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132			
Surrogate: n-Nonane	57.9		50.0		116	50-200			
LCS Dup (2446129-BSD1)							Prepared: 1	1/14/24 Ana	lyzed: 11/15/24
Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132	2.11	20	
Surrogate: n-Nonane	54.1		50.0		108	50-200			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	Reported:
PO Box 247 Plains TX, 79355-0247	Project Number: Project Manager:	01058-0007 Tom Bynum	11/15/2024 4:30:50PM

Ana	lyst:	W.

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

Blank (2446131-BLK1)						Prepared: 11	/14/24 Analyzed: 11	/15/24
Chloride	ND	20.0						
LCS (2446131-BS1)						Prepared: 11	/14/24 Analyzed: 11	/15/24
Chloride	257	20.0	250	103	90-110			
LCS Dup (2446131-BSD1)						Prepared: 11	/14/24 Analyzed: 11	/15/24
Chloride	258	20.0	250	103	90-110	0.312	20	



251

251

LCS (2446132-BS1)

LCS Dup (2446132-BSD1)

Chloride

Chloride

Prepared: 11/14/24 Analyzed: 11/14/24

Prepared: 11/14/24 Analyzed: 11/14/24

90-110

90-110

0.121

100

100

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Sirius 17 Federal Com #7H Project Number: 01058-0007 Project Manager: Tom Bynum							Reported: 11/15/2024 4:30:50PM			
, , , , , , , , , , , , , , , , , , ,		Analyst: WF										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2446132-BLK1)							Prepared: 1	1/14/24 /	Analyzed: 11/14/24			
Chloride	ND	20.0										

250

250

20.0

20.0

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

Γ	Pima Environmental Services-Carlsbad	Project Name:	Sirius 17 Federal Com #7H	
l	PO Box 247	Project Number:	01058-0007	Reported:
١	Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/24 16:30

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.

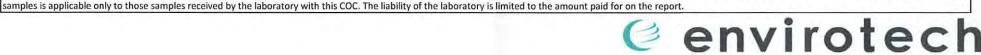
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

by OCD: 11/22/2024 2:42:53 PM

Page 3 of 5



Project Information

Client: Pima Environmental Services Bill To											La	b Us	e Onl					TA	EPA I		rogram	
Project:					Att	ention: Devon Energy	,	ı	Lab \	WO#			Job N	lum	ber_	. 1	LD	2D	3D	Standard	CWA	SDWA
Project N	lanager:	Tom By	num		Ad	dress:		_	E4	1111	58	3	0105	18.1	DOD I		X					
Address:						y, State, Zip		_ [Analy	sis ar	nd Me	thod						RCRA
City, State			M. 88240)	Ph	one:		_														
	Phone: 806-782-1151							015	015										and an	State	Levil	
Email: tom@pimaoil.com				ma Project # 1-376 (nA	PP24253529	36)	by 8	by 8	121	90	0	0.00			ΣN				UT AZ	TX		
Report du			-			ma Project # 1 979 (m)		200	ORO	ORO	3y 8C	y 82	6 601	de 3			2.0	X		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			La Nun	b ber	DRO/ORO by 8015	GRO/DRO	ВТЕХ БУ 8021	VOC by 8260	Metals 6010	Chloride 300.0			верос	верос			Remarks	
4:55	11/13/24	S	1	C30-1'			1.	1									х					
5:11				C31-1'			12	?														
5:17				C32-1'			13	3														
5:20				C33-1'			1	4														
5:28				C34-1'													Ш					
5:37				C35-1'																		
5:42				C36-1'			1	7														
5:58				W1-1'			1	}														
6:00				W2-1'			1	9														
01:0				W3-1'			2	ð														
Additiona	al Instruc	tions:	Work	k Order/Bill	ling: 21406	300																
date or time	of collection	is considere		ticity of this sam may be grounds		that tampering with or intentionall Sampled by:	ly mislabelling the s	ample	locatio	on,			200 100				bove 0	but le	ss than 6	eived on ice the day °C on subsequent of		led or received
Relinquishe	d by: (Signa	dame	_ Date	114/24	2:00	Received by: (Signature)	gales 11:	14-2	14	Time 14	(00		Rece	eivec	on ic	e:		b Us	se Onl	y		
Relinquishe	d by: (Signa	ture)	Data	11 1	Time 1600	Received by: (Signature)	Date	14.2	4	Time	700	0	T1				T2			<u>T3</u>		
Relinquishe	d by: (Signa	ture)	Date	T	2345	Received by (Signature)	Date 11.	15%	24	Time	:31		AVG	Ten	np °C_	4						
Sample Matri				Aqueous, O - Oth	- W - W - F								oly/pl			mbei	glas	s, v -	VOA			
						ner arrangements are made. H														eport for the ar	alysis of the	above
						ith this COC The liability of the																



Page 40 of 42

Project Information

Client: F	Client: Pima Environmental Services			ces	Bill To				La	ab Us	Use Only TAT				TA					m	
Project:	Sirius 1	7 Feder	al Com #	#7H	Attention: Devon Energy						Job Number 01058-0007		ber	1D	2D	3D	Sta	andard	CWA	SDV	VA
Project Manager: Tom Bynum					Address:		E 411158 Job Number 01058.00			0007	X										
Address: 5614 N. Lovington Hwy.					City, State, Zip	City, State, Zip		L 11112 V			Analysis and Metho									RCF	RA
	e, Zip Ho				Phone:																
	806-782-		2000		Email:		15	15								1 1	1		State		
Email:	tom@pin	naoil.coi	m			105050000	y 80	V 80	-	0		0.0		5		1 1	1	NM CO	UT A	Z TX	
Report due by:					Pima Project # 1-376 (nAPP2425352986)		d O	O by	802	826	5010	300		N	×	1 1	1	X	- 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		верос	верос				Remai	ks	
6:13	11/13/24	S	1	W4-1'		21								Х							
6:15				W5-1'		22															
6:20				W6-1'		23															
6:28	上			W7-1.5'		24															
Addition	al Instruc	tions:	Work	Order/Billing	: 21406300	-1./		1													

I, (field sampler), attest to the validity and a	uthenticity of this sa	mple. I am aware t	hat tampering with or intentionally mislabellin	ng the sample locati	on,			on ice the day they are sampled or received
date or time of collection is considered fraud	d and may be ground	ds for legal action.	Sampled by:			packed in ice at an avg temp	above 0 but less than 6 °C or	n subsequent days.
Relinquished by: (Signature)	Date 114/24	2:00	Received by: (Signature)	N-14-24	Time 1400	Received on ice:	Lab Use Only (Y)/ N	
Relinquished by: (Signature)	Date 11-14-24	Time	Recolved by: (Signature)	11.14.24	1700	T1	<u>T2</u>	T3
Relinguished by: (Signature)	11.14.74	2345	Received by (Signature)	11-15-24	U:30	AVG Temp °C	4	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge	e, A - Aqueous, O - C	ther		Container Type	: g - glass, p -	poly/plastic, ag - amb	er 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.



Printed: 11/15/2024 9:07:46AM

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.

	Date Received:	11/15/24 0	6:30	Work Order ID: E411158
Phone: (575) 631-6977	Date Logged In:	11/14/24 1	6:14	Logged In By: Noe Soto
Email: tom@pimaoil.com	Due Date:		7:00 (0 day TAT)	
Chain of Custody (COC)				
1. Does the sample ID match the COC?		Yes		
2. Does the number of samples per sampling site	location match the COC	Yes		
3. Were samples dropped off by client or carrier		Yes	Carrier: C	'ourier
4. Was the COC complete, i.e., signatures, dates		Yes	cumer. <u>c</u>	Nation 1
5. Were all samples received within holding time Note: Analysis, such as pH which should be		Yes		
i.e, 15 minute hold time, are not included in	in this disucssion.			<u>Comments/Resolution</u>
Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Exped	lited TAT9	Yes		Sampled by name is missing on COC by
•	inted TAT:	105		client. Project Sirius 17 Federal Com #7H
Sample Cooler 7. Was a sample cooler received?		Yes		_
8. If yes, was cooler received in good condition?)	Yes		has been separated into 2 WOs due to high
•				sample volume, WOs are
9. Was the sample(s) received intact, i.e., not bro	JKCII (Yes		E411157-E411158.
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 recorde Note: Thermal preservation is not required minutes of sampling 13. If no visible ice, record the temperature. A 	1, if samples are received w/i 15	Yes		
Sample Container	retuur sumpre temperature.	<u> </u>		
14. Are aqueous VOC samples present?		No		
15. Are VOC samples collected in VOA Vials?		NA		
16. Is the head space less than 6-8 mm (pea sized	d or less)?	NA		
17. Was a trip blank (TB) included for VOC ana		NA		
18. Are non-VOC samples collected in the corre		Yes		
19. Is the appropriate volume/weight or number of s		Yes		
Field Label	omnipro consumors consessed.	140		
20. Were field sample labels filled out with the n	ninimum information:			
Sample ID?		Yes		
Date/Time Collected?		Yes		
Collectors name?		No		
Sample Preservation				
21. Does the COC or field labels indicate the sar	nples were preserved?	No		
22. Are sample(s) correctly preserved?		NA		
24. Is lab filteration required and/or requested for	or dissolved metals?	No		
Multiphase Sample Matrix				
•	i.e., multiphase?	No		
Multiphase Sample Matrix		No NA		
Multiphase Sample Matrix 26. Does the sample have more than one phase, 27. If yes, does the COC specify which phase(s)				
Multiphase Sample Matrix 26. Does the sample have more than one phase, 27. If yes, does the COC specify which phase(s) Subcontract Laboratory	is to be analyzed?			
Multiphase Sample Matrix 26. Does the sample have more than one phase, 27. If yes, does the COC specify which phase(s)	is to be analyzed? tract laboratory?	NA	Subcontract Lab	: NA

Date

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

Sante Fe Main Office Phone: (505) 476-3441 General Information 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 405996

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	405996
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2425352986
Incident Name	NAPP2425352986 SIRIUS 17 FEDERAL COM #007H @ 30-015-41762
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-41762] SIRIUS 17 FEDERAL COM #007H

Location of Release Source						
Please answer all the questions in this group.						
Site Name	SIRIUS 17 FEDERAL COM #007H					
Date Release Discovered	09/08/2024					
Surface Owner	Federal					

incident Details						
Please answer all the questions in this group.	lease 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					
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: Equipment Failure Well Produced Water Released: 5 BBL Recovered: 4 BBL Lost: 1 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)	1" nipple on welhead pumping tee developed a pinhole and caused a .5.3 bbls produced water spill. 4 bbls recovered.				

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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 2

Action 405996

QUEST	IONS (continued)			
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 405996 Action Type:			
QUESTIONS	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)			
Nature and Volume of Release (continued)				
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.			
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No			
Reasons why this would be considered a submission for a notification of a major release	Unavailable.			
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	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 The source of the release has been stopped	safety hazard that would result in injury. 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.			
	ilation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o eted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.			
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses 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 rt 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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/22/2024			

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

QUESTIONS, Page 3

Action 405996

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	405996
	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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
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						
	lease 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 de	monstrating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.				
Have the lateral and vertical	al extents of contamination been fully delineated	Yes				
Was this release entirely c	ontained 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 CI B)	19000				
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	12150				
GRO+DRO	(EPA SW-846 Method 8015M)	9560				
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.1				
Benzene	(EPA SW-846 Method 8021B or 8260B)	0				
	NMAC unless the site characterization report includes completed telephone for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,				
On what estimated date wi	Il the remediation commence	11/01/2024				
On what date will (or did) t	ne final sampling or liner inspection occur	11/11/2024				
On what date will (or was)	the remediation complete(d)	11/20/2024				
What is the estimated surfa	ace area (in square feet) that will be reclaimed	6997				
What is the estimated volu	me (in cubic yards) that will be reclaimed	264				
What is the estimated surfa	ace area (in square feet) that will be remediated	6997				
What is the estimated volu	What is the estimated volume (in cubic yards) that will be remediated 264					
These estimated dates and measu	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 405996

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	405996
	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.)		
Yes		
R360 ARTESIA LLC LANDFARM [fEEM0112340644]		
Not answered.		
No		

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.

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: 10/04/2024

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 405996

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	405996
	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 405996

QUESTIONS (continued)

Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	405996	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	401315
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/13/2024
What was the (estimated) number of samples that were to be gathered	43
What was the sampling surface area in square feet	6997

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	6997	
What was the total volume (cubic yards) remediated	265	
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	6997	
What was the total volume (in cubic yards) reclaimed	265	
Summarize any additional remediation activities not included by answers (above)	Remediation took longer than expected due to excessive rainfall	

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.

I hereby agree and sign off to the above statement

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 11/22/2024

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QUESTIONS, Page 7

Action 405996

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	405996
	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 405996

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	405996
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By		Condition Date
scott.rodgers	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations.	12/9/2024