Page 1 of 175

Page 1 of 175

NAPP2300160892

Incident ID NAPP2300160892

District RP
Facility ID
Application ID

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_<50(ft bgs)						
Did this release impact groundwater or surface water?	Yes X No						
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes No						
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Yes X No						
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes 🗓 No						
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes X No						
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No						
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No						
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No						
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No						
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes No						
Are the lateral extents of the release within a 100-year floodplain?	Yes No						
Did the release impact areas not on an exploration, development, production, or storage site?	Yes No						
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.							
Characterization Report Checklist: Each of the following items must be included in the report.							
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release 							
Boring or excavation logs							

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

Topographic/Aerial maps

Photographs including date and GIS information

X Laboratory data including chain of custody

Received by OCD: 3/20/2023 9:21:54 AM Form C-141 State of New Mexico
Page 4 Oil Conservation Division

Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Title: Environmental Professional Printed Name: Dale Woodall Signature: Dale Woodall Date: 3/20/2023 Telephone: 575-748-1839 email: dale.woodall@dvn.com **OCD Only** Date: 03/20/2023 Jocelyn Harimon Received by:

Page 3 of 175

	- "g" - "j -
Incident ID	NAPP2300160892
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following	items must be included in the closure report.
X A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
x Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance o should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
OCD Only	
Received by:Jocelyn Harimon	Date:03/20/2023
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by:	Date:
Printed Name:	Title:



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

March 16, 2023

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

Re: Site Assessment, Remediation, and Closure Report

Burton Flat Deep Unit 61H API No. 30-015-43136

GPS: Latitude 32.5076509 Longitude -104.1585985

UL -- J, Sec. 2, T21S, R27E

Eddy County, NM

NMOCD Ref. No. <u>NAPP2300160892</u>

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a crude oil release that occurred at the Burton Flat Deep Unit 61H (Burton). The initial C-141 was submitted on January 11, 2023 (Appendix C). This incident was assigned Incident ID NAPP2300160892 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Burton is located approximately five (5) miles northeast of Carlsbad, NM. This spill site is in Unit J, Section 2, Township 21S, Range 27E, Latitude 32.5076509 Longitude -104.1585985, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Eolian deposits. Typically, Holocene to middle Pleistocene. The soil in this area is made up of Gypsum land-Reeves complex, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a high potential for karst geology to be present around the Burton (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 27 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 20 feet BGS. The closest waterway is a Avalon Lake is located approximately 4.98 miles to the west of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29										
Depth to Groundwater	Constituent & Limits									
(Appendix A)	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene					
<50' (High Karst)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg					
51-100′	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg					
>100′	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg					

Reference Figure 2 for a Topographic Map.

Release Information

NAPP2300160892: On January 1, 2023, a stainless tubing for the Murphy had come apart causing fluid released onto the pad. The released fluids were calculated to be approximately 6.9 barrels (bbls) of crude oil. A vacuum truck was able to recover 1 bbls of standing fluid.

Remediation Activities, Site Assessment, and Soil Sampling Results

On January 25, 2023, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

1-25-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')												
		DEVON E	NERGY - B	URTON FL	AT DEEP U	NIT 61H						
Sample Date 1/25/2023	:	NM Approved Laboratory Results										
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg				
	1'	ND	ND	ND	86.5	ND	86.5	3480				
S-1	3'	ND	ND	ND	300	144	444	675				
	5'	ND	ND	ND	ND	ND	0	ND				
	1'	ND	ND	ND	ND	ND	0	630				
S-2	3'	ND	ND	ND	198	125	323	1150				
	5'	ND	ND	ND	ND	ND	0	ND				
	1'	ND	ND	ND	171	76.1	247.1	2310				
S-3	3'	ND	ND	ND	ND	ND	0	281				
	5'	ND	ND	ND	ND	ND	0	ND				
	1'	ND	ND	ND	84	ND	84	28500				
S-4	3'	ND	ND	ND	52.8	ND	52.8	258				
	5'	ND	ND	ND	ND	ND	0	ND				
	1'	ND	ND	ND	ND	ND	0	642				
S-5	3'	ND	ND	ND	ND	ND	0	397				
	5'	ND	ND	ND	ND	ND	0	ND				
	1'	ND	ND	ND	ND	ND	0	434				
S-6	3'	ND	ND	ND	57	ND	57	429				
	5'	ND	ND	ND	ND	ND	0	ND				
	1'	ND	ND	ND	128	60.4	188.4	343				
S-7	3'	ND	ND	ND	ND	ND	0	178				
	5'	ND	ND	ND	ND	ND	0	ND				
SW 1	1'	ND	ND	ND	ND	ND	0	ND				
SW 2	1'	ND	ND	ND	ND	ND	0	ND				
SW 3	1'	ND	ND	ND	ND	ND	0	ND				
SW 4	1'	ND	ND	ND	ND	ND	0	ND				
SW 5	1'	ND	ND	ND	ND	ND	0	ND				
SW 6	1'	ND	ND	ND	ND	ND	0	ND				
BG 1	6"	ND	ND	ND	ND	ND	0	ND				
BG 2	6"	ND	ND	ND	ND	ND	0	ND				

ND- Analyte Not Detected

On February 23, 2023, the Devon Construction Department mobilized personnel and equipment to begin remediation activities. They began excavating the area to a depth of 3' BGS. The contaminated soil 514 cubic yards were hauled to an approved, lined disposal facility and clean backfill material was brought in.

On March 3, 2023, after sending a 48-hour notification (Appendix C), Pima returned to the site to collect confirmation samples of the excavation. The results of this sampling event can be found in the following table. A Confirmation Sample Map can be found in Figure 5.

3-3-23 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50') DEVON ENERGY - BURTON FLAT DEEP UNIT 61H											
Sample Date 3/3/2023	:	NM Approved Laboratory Results									
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI			
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
CS 1	3'	ND	ND	ND	ND	ND	0	ND			
CS 2	3'	ND	ND	ND	ND	ND	0	ND			
CS 3	3'	ND	ND	ND	ND	ND	0	ND			
CS 4	3'	ND	ND	ND	ND	ND	0	ND			
CS 5	3' 3'	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND ND			
CS 6 CS 7	3'	ND	ND	ND	ND	ND	0	ND			
CS 8	3'	ND	ND	ND	ND	ND	0	ND			
CS 9	3'	ND	ND	ND	ND	ND	0	ND			
CS 10	3'	ND	ND	ND	ND	ND	0	ND			
CS 11	3'	ND	ND	ND	ND	ND	0	ND			
CS 12	3'	ND	ND	ND	ND	ND	0	ND			
CS 13	3'	ND	ND	ND	ND	ND	0	ND			
CS 14	3'	ND	ND	ND	ND	ND	0	ND			
CS 15	3'	ND	ND	ND	ND	ND	0	ND			
CS 16	3' 3'	ND ND	ND	ND ND	ND ND	ND	0	ND			
CS 17 CS 18	3'	ND	ND ND	ND	ND ND	ND ND	0	ND ND			
CSW 1	3'	ND	ND	ND	ND	ND	0	ND			
CSW 2	3'	ND	ND	ND	ND	ND	0	ND			
CSW 3	3'	ND	ND	ND	ND	ND	0	ND			
CSW 4	3'	ND	ND	ND	ND	ND	0	ND			
CSW 5	3'	ND	ND	ND	ND	ND	0	ND			
CSW 6	3'	ND	ND	ND	ND	ND	0	ND			
CSW 7	3'	ND	ND	ND	ND	ND	0	ND			
CSW 8	3'	ND	ND	ND	ND	ND	0	ND			
CSW 9	3'	ND	ND	ND	ND	ND	0	ND			
CSW 10	3' 3'	ND	ND	ND	ND ND	ND	0	ND			
CSW 11 CSW 12	3'	ND ND	ND ND	ND ND	ND	ND ND	0	ND ND			
				_							
CSW 13	3'	ND	ND	ND	ND	ND	0	ND			
CSW 14	3'	ND	ND	ND	ND	ND	0	ND			
CSW 15	3'	ND	ND	ND	ND	ND	0	ND			
CSW 16	3'	ND	ND	ND	ND	ND	0	ND			
CSW 17	3'	ND	ND	ND	ND	ND	0	ND			
CSW 18	3'	ND	ND	ND	ND	ND	0	ND			
CSW 19	3'	ND	ND	ND	ND	ND	0	ND			
CSW 20	3'	ND	ND	ND	ND	ND	0	ND			
CSW 21	3'	ND	ND	ND	ND	ND	0	ND			
CSW 22	3'	ND	ND	ND	ND	ND	0	ND			
CSW 23	3'	ND	ND	ND	ND	ND	0	ND			
CSW 24	3'	ND	ND	ND	ND	ND	0	ND			
CSW 25	3'	ND	ND	ND	ND	ND	0	ND			
CSW 26	3'	ND	ND	ND	ND	ND	0	ND			
CSW 27	3'	ND	ND	ND	ND	ND	0	ND			
CSW 28	3'	ND	ND	ND	ND	ND	0	ND			
CSW 29	3'	ND	ND	ND	ND	ND	0	ND			
CSW 30	3'	ND	ND	ND	ND	ND	0	ND			
CSW 31	3'	ND	ND	ND	ND	ND	0	ND			
CSW 32	3'	ND	ND	ND	ND	ND	0	ND			
CSW 33	3'	ND	ND	ND	ND	ND	0	ND			
CSW 34	3'	ND	ND	ND	ND	ND	0	ND			
CSW 35	3'	ND	ND	ND	ND	ND	0	ND			
CSW 36	3'	ND	ND	ND	ND	ND	0	ND			

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was removed and transported to an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and returned to its previous state. See Appendix D for Photographic Documentation.

Closure Request

After careful review, Pima requests that this incident, NAPP2300160892 be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

Respectfully,

Gio Gomez

Gio Gomez Project Manager

Pima Environmental Services, LLC

Attachments

Figures:

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

Appendices:

Appendix A – Referenced Water Surveys

Appendix B – Soil Survey and Geological Data

Appendix C - C-141 Form and 48 Hour Notification

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports



Figures:

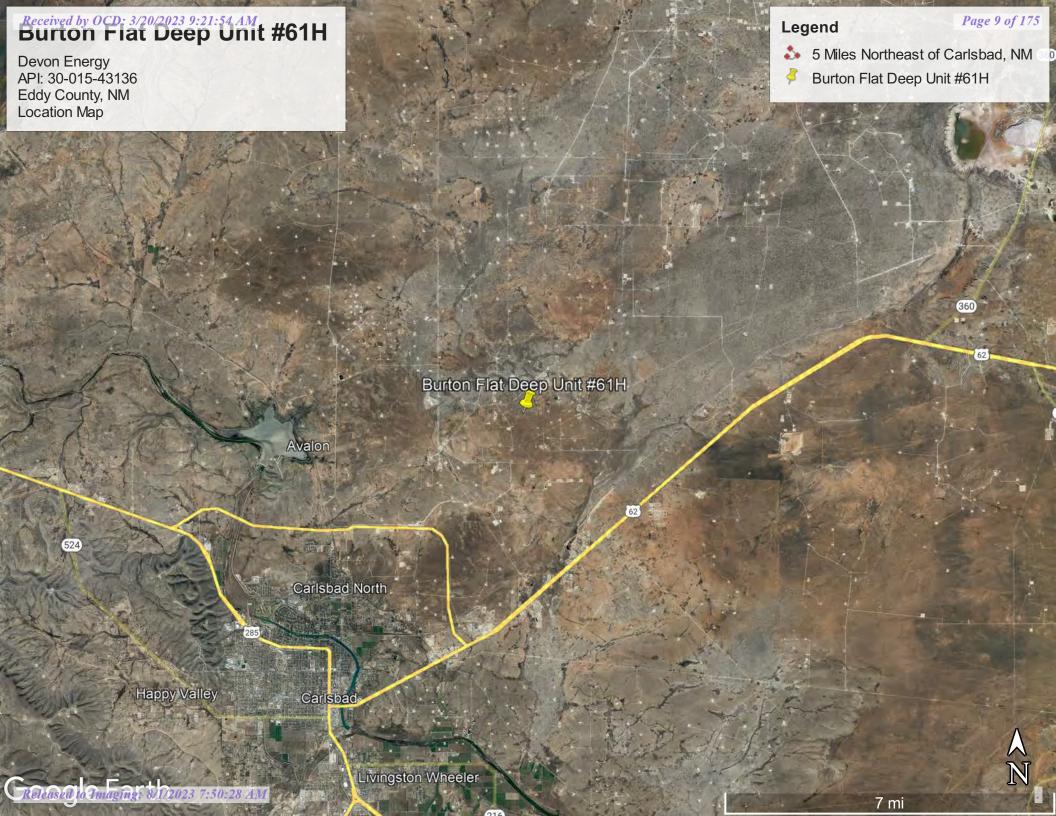
1-Location Map

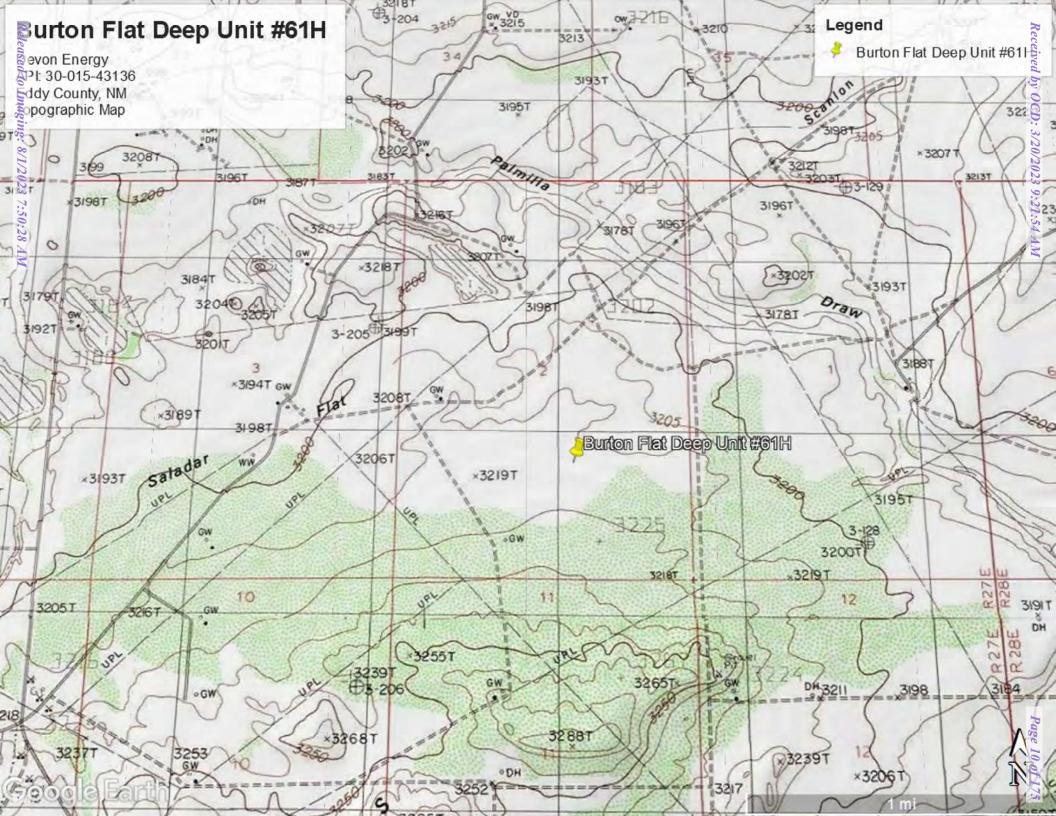
2-Topographic Map

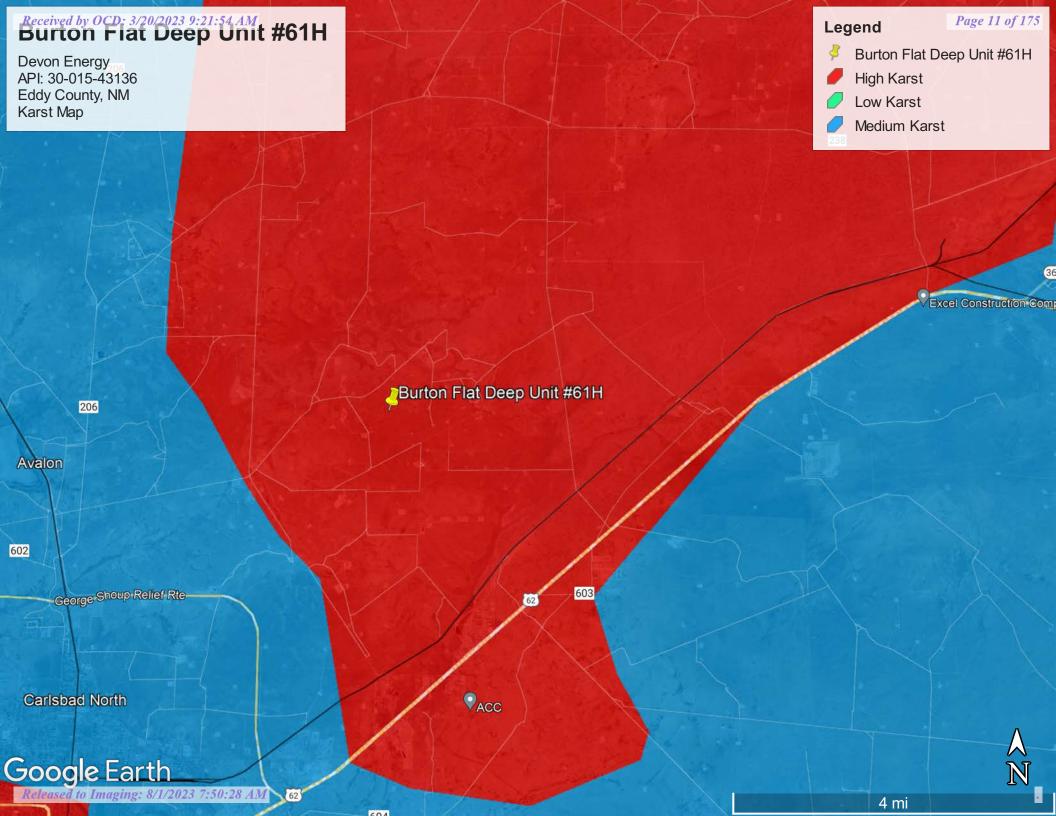
3-Karst Map

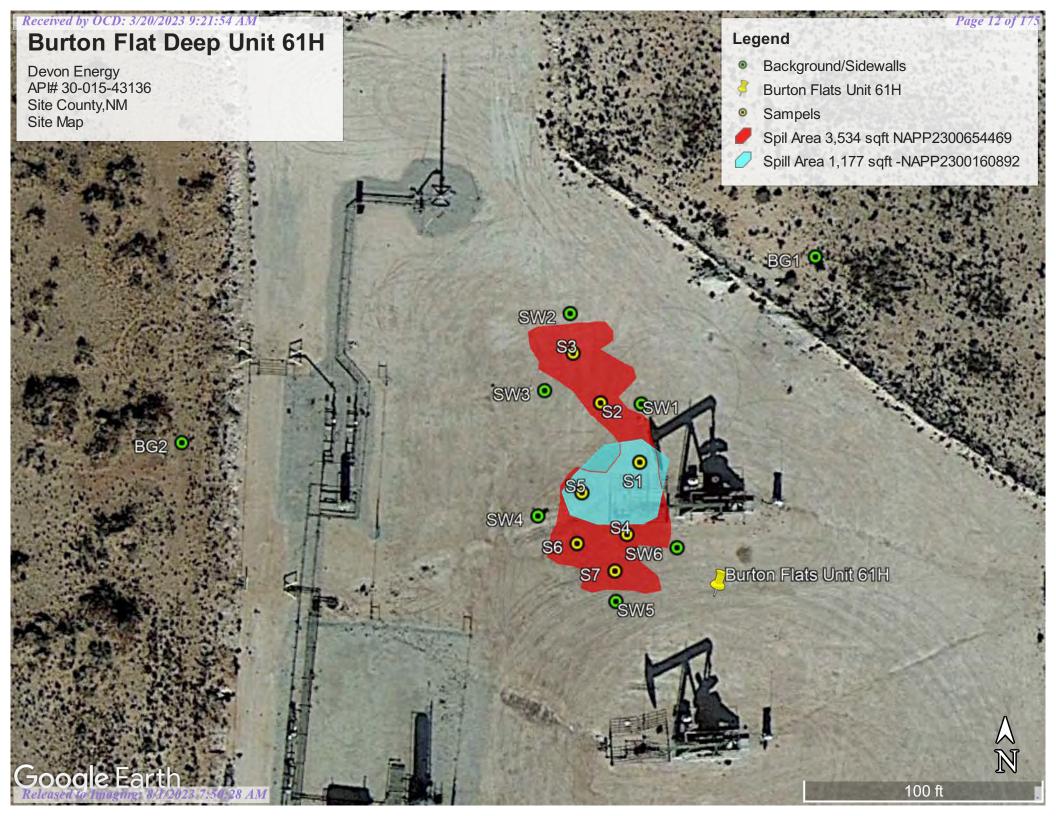
4-Site Map

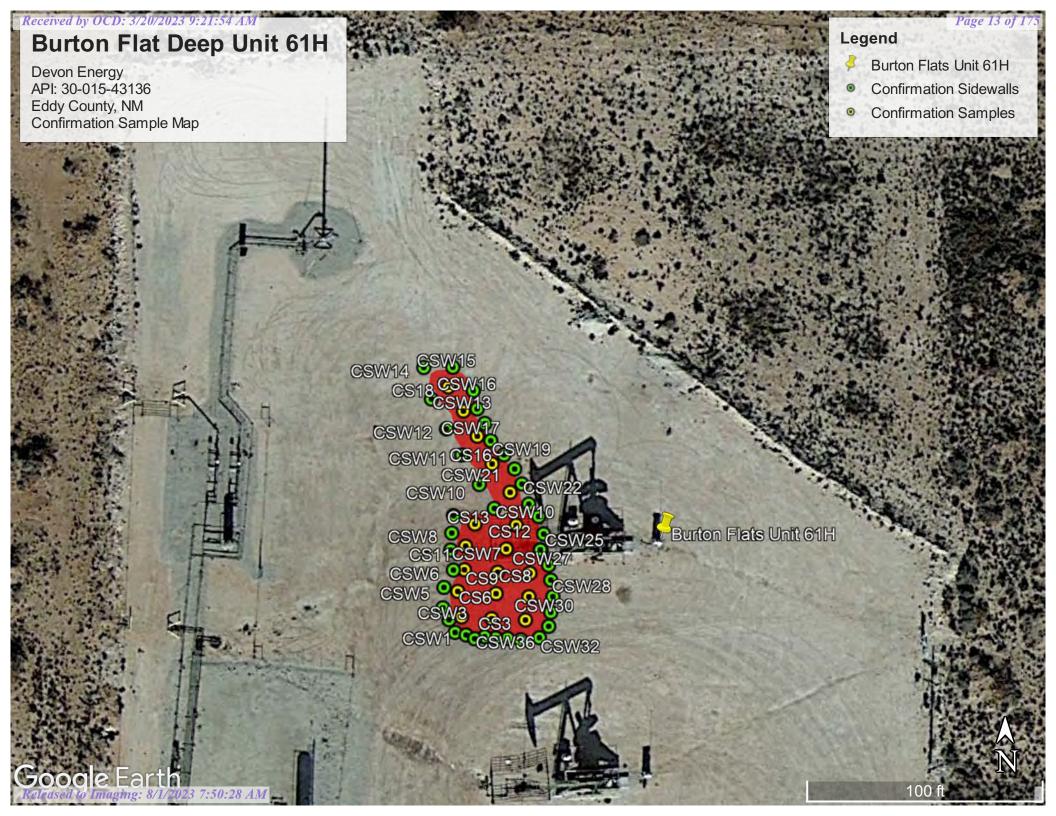
5-Confirmation Sample Map













Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

closed)

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

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

(In feet)

		POD Sub-		o	Q	o									Water
POD Number	Code	basin	County				Sec	Tws	Rng	X	Y	DistanceDe	pthWellDep		
<u>C 00469</u>	C	CUB	ED		1	4	02	21S	27E	579078	3596994*	48	767		
C 03525 POD3		CUB	ED	1	1	1	01	21S	27E	579728	3598332	1484	30		
C 03525 POD2		CUB	ED	2	2	2	02	21S	27E	579676	3598362	1488	29	20	9
C 03525 POD1		CUB	ED	1	1	1	01	21S	27E	579702	3598362	1500	31	20	11
C 03525 POD4		CUB	ED	1	1	1	01	21S	27E	579728	3598362	1511	29		
<u>C 02992</u>		C	ED	3	3	2	01	21S	27E	580594	3597311*	1585	250	186	64
<u>C 01142</u>		C	ED	3	1	4	03	21S	27E	577358	3596873*	1684	100		
C 03689 POD1		C	ED	1	1	2	01	21S	27E	580490	3598014	1762	95	10	85
<u>C 03350</u>		C	ED	1	4	2	01	21S	27E	580896	3597476	1915	76	8	68
C 03268 POD1		CUB	ED	4	2	4	01	21S	27E	581201	3596915	2167	48	13	35
<u>C 02907</u>		C	ED	3	2	1	03	21S	27E	576959	3597669*	2176	52	14	38
C 03690 POD1		C	ED	4	1	4	10	21S	27E	577482	3595179	2407	200		
<u>C 00465</u>	C	CUB	ED	3	2	1	14	21S	27E	578576	3594475*	2584			
<u>C 00473</u>	C	CUB	ED		3	2	14	21S	27E	579087	3594177*	2841	562		

Average Depth to Water:

38 feet

Minimum Depth:

8 feet

Maximum Depth:

186 feet

Record Count: 14

<u>UTMNAD83 Radius Search (in meters):</u>

Easting (X): 579035.95 **Northing (Y):** 3597018.52 **Radius:** 3000

*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.

1/25/23 8:50 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

• 323029104103901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 323029104103901 21S.27E.03.32244

Available data for this site Groundwater: Field measurements
GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°30'29", Longitude 104°10'39" NAD27

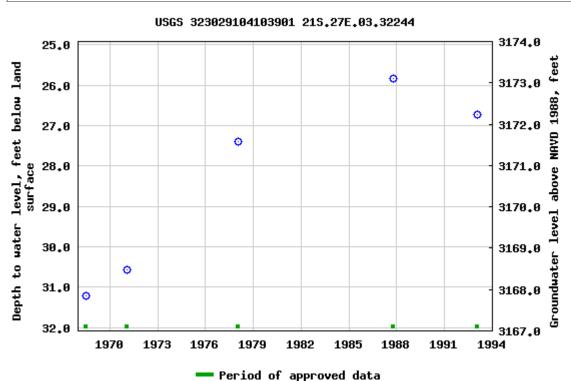
Land-surface elevation 3,199 feet above NAVD88

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

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

Output formats

<u>Table of data</u>	
<u>Tab-separated data</u>	
Graph of data	
Reselect period	



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

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms

<u>Subscribe for system changes</u> <u>News</u>

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: 2023-01-25 10:47:49 EST

0.62 0.51 nadww02







Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

Eddy Area, New Mexico

GR—Gypsum land-Reeves complex, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w4h Elevation: 3,000 to 5,000 feet

Mean annual precipitation: 10 to 14 inches Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Gypsum land: 55 percent

Reeves and similar soils: 35 percent Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills

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

footslope, toeslope

Landform position (three-dimensional): Side slope, head slope,

nose slope, crest Down-slope shape: Convex Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Description of Reeves

Setting

Landform: Ridges, plains, hills

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

footslope, toeslope

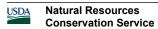
Landform position (three-dimensional): Side slope, head slope,

nose slope, crest Down-slope shape: Convex Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: sandy loam H2 - 8 to 32 inches: clay loam



H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: High

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

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

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 25 percent

Gypsum, maximum content: 80 percent

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

8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups

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

Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Minor Components

Unnamed soils

Percent of map unit: 10 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 18, Sep 8, 2022

Received by OCD: 3/20/2023 9:21:54 AM National Flood Hazard Layer FIRMette





Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE)

SPECIAL FLOOD HAZARD AREAS

With BFE or Depth Zone AE, AO, AH, VE, AR

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

Area with Flood Risk due to Levee Zone D

Area of Undetermined Flood Hazard Zone D

Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X

OTHER AREAS OF FLOOD HAZARD

NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs

OTHER AREAS

- - - Channel, Culvert, or Storm Sewer

GENERAL STRUCTURES | LILLIL Levee, Dike, or Floodwall

20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE)

Limit of Study Jurisdiction Boundary

OTHER **FEATURES** **Coastal Transect Baseline Profile Baseline**

Hydrographic Feature

Digital Data Available

MAP PANELS

No Digital Data Available

Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/8/2023 at 2:05 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.

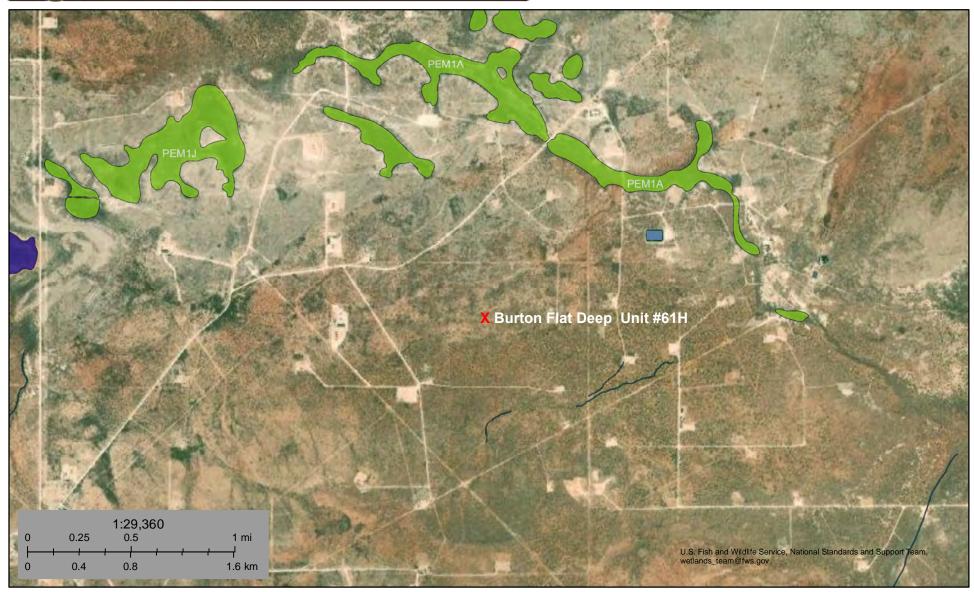
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



2.000



Wetlands Map



March 8, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Lake

Other

Riverine

Freshwater Pond



Wetlands Mapper web

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



Appendix C

C-141 Form

48-Hour Notification

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	nAPP2300160892
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

			Kesp	onsible Falt	y				
Responsible	Party Devor	n Energy Produc	tion Company	OGRID ₆	OGRID 6137				
Contact Nam				Contact Te	Gelephone 575-748-1838				
Contact emai	^{il} dale.woo	dall@dvn.com		Incident #	(assigned by OCD) nAPP2300160892				
			Road # 150; Ho	obbs, NM 8824		-			
			Location	of Release Se	ource				
Latitude 32	.507650	09			-104.1585985				
Site Name Bl	JRTON FL	_AT DEEP UNI	 T #61H	Site Type	 Oil				
Date Release				API# (if app	plicable) 30-015-43136				
Unit Letter	Section	Township	Range	Cour	nty				
J	02	21S	27E	EDD	DY				
Surface Owner		■ Federal □ Tr	Nature and	Volume of)			
Crude Oil		l(s) Released (Select al Volume Release		calculations or specific	ns or specific justification for the volumes provided below) Volume Recovered (bbls) 1				
Produced		Volume Release	0.0		Volume Recovered (bbls)				
		Is the concentrat	ion of total dissolv water >10,000 mg		, ,				
Condensa	ite	Volume Release			Volume Recovered (bbls)				
Natural G	as	Volume Release	d (Mcf)		Volume Recovered (Mcf)				
Other (describe) Volume/Weight Released (provide un				e units)	Volume/Weight Recovered (provide un	its)			
Cause of Rel	Lease	•			e well and observed fluid on the apart. The leak was isolated, the	•			

was repaired and a truck was called to pick up standing fluid.

Received by OCD: 3/20/2023 9:21:54 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

73	27		~ ~	77.7
Page	-) /	n I	•	1/3
1 466	# /	\boldsymbol{v}_{I}		10

Incident ID	nAPP2300160892
District RP	
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the respon	nsible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?	less than 25 bbls	
☐ Yes ■ No		
If YES, was immediate n	otice given to the OCD? By whom? To wh	nom? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible	party must undertake the following actions immediate	y unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
	as been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions describe	d above have <u>not</u> been undertaken, explain	why:
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
regulations all operators are public health or the environi failed to adequately investig	required to report and/or file certain release noti ment. The acceptance of a C-141 report by the C gate and remediate contamination that pose a three	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Dale \	Woodall	Title: Environmental Professional
Printed Name: Dale \ Signature: Dale \U	Joodall	Date: 1-11-2023
email: dale.wooda	all@dvn.com	Telephone: 575-748-1838
OCD Only		
Received by:		Date:

	Page 28 of 17.	5
Incident ID	NAPP2300160892	
District RP		
Facility ID		
Application ID		

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u><50</u> (ft bgs)	
Did this release impact groundwater or surface water?	Yes X No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Yes X No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes x No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes X No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No	
Are the lateral extents of the release within 300 feet of a wetland?	Yes No	
Are the lateral extents of the release overlying a subsurface mine?		
Are the lateral extents of the release overlying an unstable area such as karst geology?		
Are the lateral extents of the release within a 100-year floodplain?		
Did the release impact areas not on an exploration, development, production, or storage site?	Yes No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.		
Characterization Report Checklist: Each of the following items must be included in the report.		
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wel	ls.	
x Field data x Data table of soil contaminant concentration data		
Depth to water determination		
x Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release		
X Boring or excavation logs X Photographs including date and GIS information		
Topographic/Aerial maps		

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

X Laboratory data including chain of custody

Received by OCD: 3/20/2023 9:21:54 AM Form C-141 State of New Mexico
Page 4 Oil Conservation Division

	Page 29 of 1	<i>75</i>
Incident ID	NAPP2300160892	
District RP		
Facility ID		
Application ID		

Page 30 of 175

Incident ID	NAPP2300160892
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC		
X Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)		
X Description of remediation activities		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.		
Printed Name: Dale Woodall	Title: Environmental Professional	
Signature: Dals Woodall	Date: 3/20/2023	
email:dale.woodall@dvn.com	Telephone: 405-318-4697	
OCD Only		
Received by:	Date:	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by:	Date:	
Printed Name:	Title:	



Gio PimaOil <gio@pimaoil.com>

Burton Flat Deep Unit 61H Confirmation Samples

1 message

Gio PimaOil <gio@pimaoil.com>

Tue, Feb 28, 2023 at 4:43 PM

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

Good Afternoon.

Pima Environmental would like to notify you that we will begin collecting confirmation samples at the Burton Flat Deep Unit 61H for incident NAPP2300654469 & NAPP2300160892. Pima personnel are scheduled to be on site for this sampling event at approximately 7:00 a.m. on Friday, March 3, 2023. If you have any questions or concerns, please let me know. Thank you

Gio Gomez **Project Manager** cell-806-782-1151 Office- 575-964-7740 Pima Environmental Services, LLC.



Appendix D

Photographic Documentation



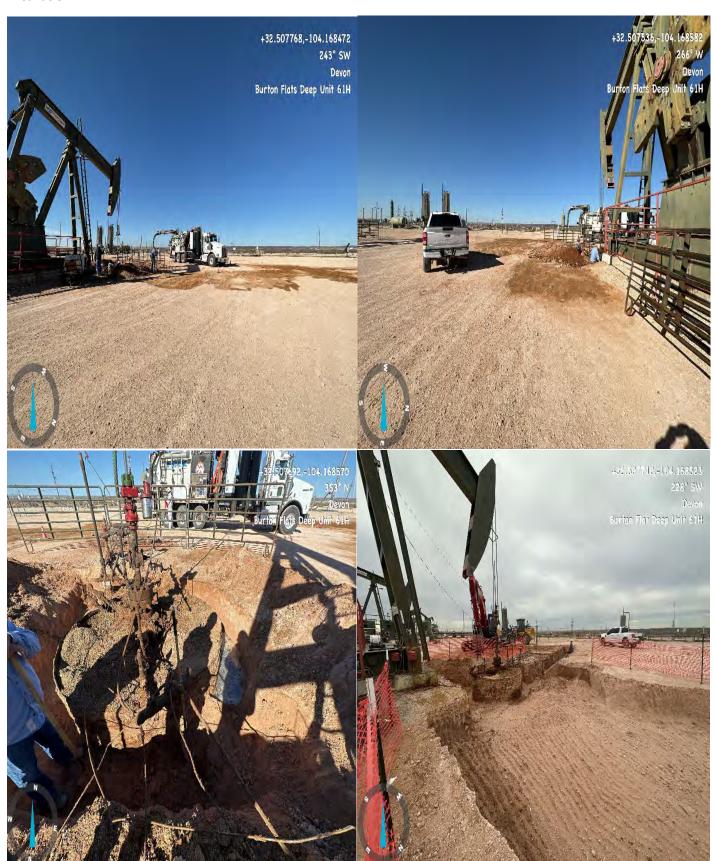
SITE PHOTOGRAPHS DEVON ENERGY BURTON FLAT DEEP UNIT 61H

Site Assessment

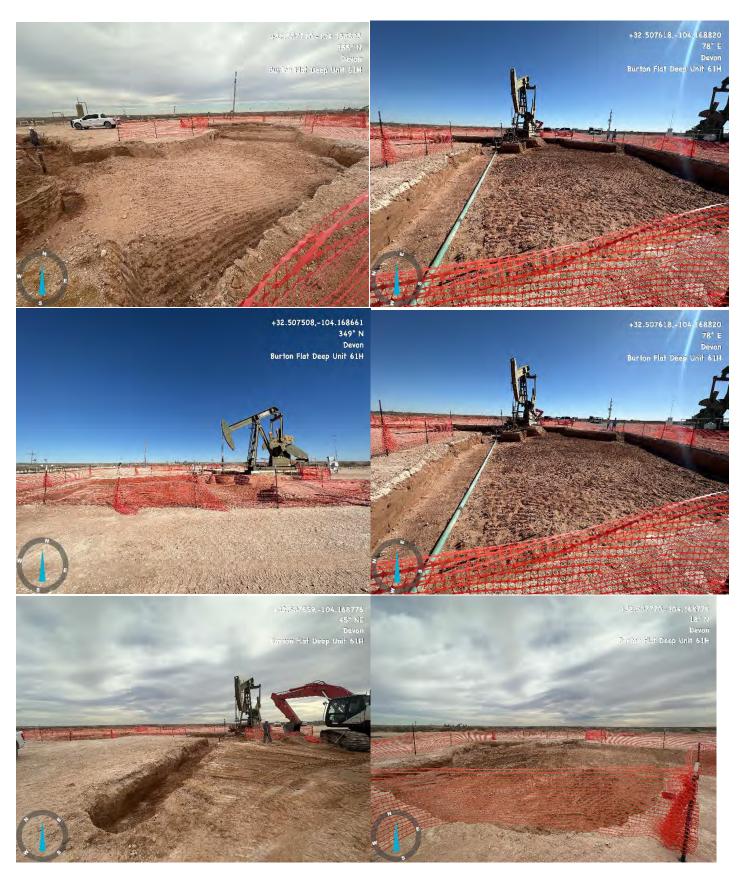




Excavation

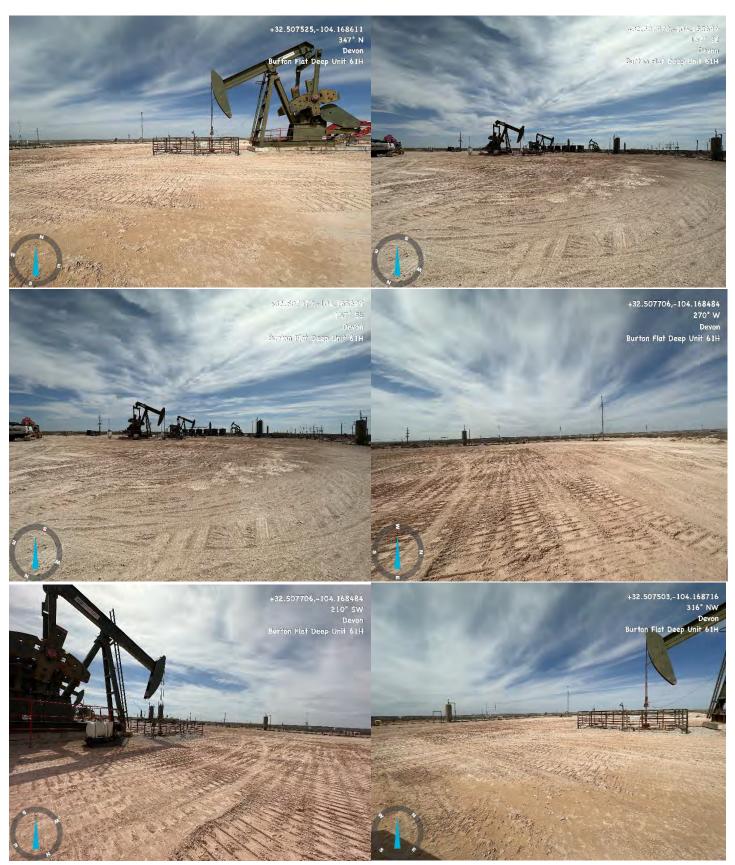






P

Post Excavation

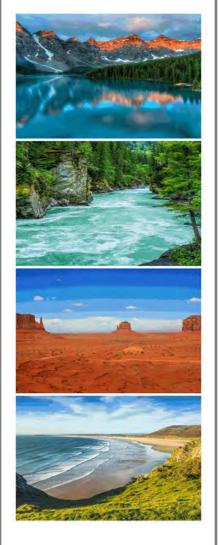




Appendix E

Laboratory Reports

Report to: Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Burton Flats 61 H

Work Order: E301148

Job Number: 01058-0007

Received: 1/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/3/23

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

Date Reported: 2/3/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Burton Flats 61 H

Workorder: E301148

Date Received: 1/28/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/28/2023 7:30:00AM, under the Project Name: Burton Flats 61 H.

The analytical test results summarized in this report with the Project Name: Burton Flats 61 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Technical Representative

Rayny Hagan

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1-1'	6
S1-3'	7
S1-5'	8
S2-1'	9
S2-3'	10
S2-5'	11
S3-1'	12
S3-3'	13
S3-5'	14
S4-1'	15
S4-3'	16
S4-5'	17
S5-1'	18
S5-3'	19
S5-5'	20
S6-1'	21
S6-3'	22
S6-5'	23
S7-1'	24
S7-3 [']	25

Table of Contents (continued)

	S7-5'	26
	SW1	27
	SW2	28
	SW3	29
	SW4	30
	SW5	31
	BG1	32
	BG2	33
	SW6	34
Q	C Summary Data	35
	QC - Volatile Organic Compounds by EPA 8260B	35
	QC - Volatile Organics by EPA 8021B	36
	QC - Nonhalogenated Organics by EPA 8015D - GRO	37
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	39
	QC - Anions by EPA 300.0/9056A	42
D	efinitions and Notes	44
Cl	nain of Custody etc.	45

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	Reported:
PO Box 247	Project Number:	01058-0007	Keporteu:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/03/23 09:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E301148-01A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S1-3'	E301148-02A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S1-5'	E301148-03A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S2-1'	E301148-04A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S2-3'	E301148-05A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S2-5'	E301148-06A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S3-1'	E301148-07A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S3-3'	E301148-08A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S3-5'	E301148-09A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S4-1'	E301148-10A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S4-3'	E301148-11A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S4-5'	E301148-12A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S5-1'	E301148-13A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S5-3'	E301148-14A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S5-5'	E301148-15A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S6-1'	E301148-16A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S6-3'	E301148-17A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S6-5'	E301148-18A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S7-1'	E301148-19A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S7-3'	E301148-20A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
S7-5'	E301148-21A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
SW1	E301148-22A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
SW2	E301148-23A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
SW3	E301148-24A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
SW4	E301148-25A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
SW5	E301148-26A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
BG1	E301148-27A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
BG2	E301148-28A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
SW6	E301148-29A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S1-1'

		E301140-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/30/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/30/23	
Toluene	ND	0.0250	1	01/30/23	01/30/23	
o-Xylene	ND	0.0250	1	01/30/23	01/30/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/30/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/30/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: SL			Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	86.5	25.0	1	01/30/23	01/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		95.6 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: KL		Batch: 2305012
Chloride	3480	20.0	1	01/30/23	01/30/23	

Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S1-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	300	25.0	1	01/30/23	01/30/23	
Oil Range Organics (C28-C36)	144	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		102 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: KL		Batch: 2305012
Chloride	675	20.0	1	01/30/23	01/31/23	•



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S1-5'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2305009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		104 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	·



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S2-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2305009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		96.7 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2305012
Chloride	630	20.0	1	01/30/23	01/31/23	·



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S2-3'

E301148-05						
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	198	25.0	1	01/30/23	01/30/23	
Oil Range Organics (C28-C36)	125	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		97.0 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2305012
Chloride	1150	100	5	01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S2-5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		101 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S3-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	171	25.0	1	01/30/23	01/30/23	
Oil Range Organics (C28-C36)	76.1	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		99.0 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2305012
Chloride	2310	100	5	01/30/23	01/31/23	•



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S3-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		104 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: KL		Batch: 2305012
Chloride	281	20.0	1	01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S3-5'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		102 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S4-1'

		E301148-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	84.0	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		96.0 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: KL		Batch: 2305012
Chloride	28500	1000	50	01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S4-3'

E30	111	40	11
н. эп		48.	

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	52.8	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		101 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2305012
	258	20.0		01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S4-5'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		108 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	

Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S5-1'

		D				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		alyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		96.9 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2305012
Chloride	642	20.0	1	01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S5-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		102 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2305012
Chloride	397	20.0	1	01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S5-5'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		105 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S6-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		103 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2305012



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S6-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	57.0	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		98.6 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2305012
Chloride	429	20.0	1	01/30/23	01/31/23	· · · · · · · · · · · · · · · · · · ·



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S6-5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		108 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	

Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S7-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	128	25.0	1	01/30/23	01/31/23	_
Oil Range Organics (C28-C36)	60.4	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		106 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2305012
	343	20.0		01/30/23	01/31/23	·



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S7-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	02/01/23	
Ethylbenzene	ND	0.0250	1	01/30/23	02/01/23	
Toluene	ND	0.0250	1	01/30/23	02/01/23	
o-Xylene	ND	0.0250	1	01/30/23	02/01/23	
p,m-Xylene	ND	0.0500	1	01/30/23	02/01/23	
Total Xylenes	ND	0.0250	1	01/30/23	02/01/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	01/30/23	02/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	02/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	01/30/23	02/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		104 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2305012
Chloride	178	20.0	1	01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

S7-5'

E301148-21							
Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2305010
Benzene	ND	0.0250	1	1	01/30/23	01/30/23	
Ethylbenzene	ND	0.0250		1	01/30/23	01/30/23	
Toluene	ND	0.0250	į	1	01/30/23	01/30/23	
o-Xylene	ND	0.0250	į	1	01/30/23	01/30/23	
p,m-Xylene	ND	0.0500		1	01/30/23	01/30/23	
Total Xylenes	ND	0.0250		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		102 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		102 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0		1	01/30/23	01/31/23	
Surrogate: n-Nonane		104 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2305011

20.0

01/30/23

01/31/23

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

SW1

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2305010
Benzene	ND	0.0250		1	01/30/23	01/30/23	
Ethylbenzene	ND	0.0250		1	01/30/23	01/30/23	
Toluene	ND	0.0250		1	01/30/23	01/30/23	
o-Xylene	ND	0.0250		1	01/30/23	01/30/23	
p,m-Xylene	ND	0.0500		1	01/30/23	01/30/23	
Total Xylenes	ND	0.0250		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.3 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		102 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.3 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		102 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0		1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0		1	01/30/23	01/31/23	
Surrogate: n-Nonane		101 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2305011
· · · · · · · · · · · · · · · · · · ·	ND	20.0		1	01/30/23	01/31/23	

Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

SW2 E301148-23

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2305010
Benzene	ND	0.0250	1	01/30/2	01/30/23	
Ethylbenzene	ND	0.0250	1	01/30/2	3 01/30/23	
Toluene	ND	0.0250	1	01/30/2	3 01/30/23	
o-Xylene	ND	0.0250	1	01/30/2	3 01/30/23	
p,m-Xylene	ND	0.0500	1	01/30/2	3 01/30/23	
Total Xylenes	ND	0.0250	1	01/30/2	3 01/30/23	
Surrogate: Bromofluorobenzene		90.4 %	70-130	01/30/2	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	01/30/2	23 01/30/23	
Surrogate: Toluene-d8		101 %	70-130	01/30/2	23 01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY		Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/2	3 01/30/23	
Surrogate: Bromofluorobenzene		90.4 %	70-130	01/30/2	23 01/30/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	01/30/2	23 01/30/23	
Surrogate: Toluene-d8		101 %	70-130	01/30/2	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/2	3 01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/2	01/31/23	
Surrogate: n-Nonane		106 %	50-200	01/30/2	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2305011



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

SW3

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2305010
Benzene	ND	0.0250		1	01/30/23	01/30/23	
Ethylbenzene	ND	0.0250		1	01/30/23	01/30/23	
Toluene	ND	0.0250		1	01/30/23	01/30/23	
o-Xylene	ND	0.0250		1	01/30/23	01/30/23	
p,m-Xylene	ND	0.0500		1	01/30/23	01/30/23	
Total Xylenes	ND	0.0250		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		92.3 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		101 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		92.3 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		101 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0		1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0		1	01/30/23	01/31/23	
Surrogate: n-Nonane		108 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2305011
Chloride	ND	20.0		1	01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

SW4

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2305010
Benzene	ND	0.0250	1		01/30/23	01/30/23	
Ethylbenzene	ND	0.0250	1		01/30/23	01/30/23	
Toluene	ND	0.0250	1		01/30/23	01/30/23	
o-Xylene	ND	0.0250	1		01/30/23	01/30/23	
p,m-Xylene	ND	0.0500	1		01/30/23	01/30/23	
Total Xylenes	ND	0.0250	1		01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		104 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY	-		Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		104 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KI	М		Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0	1		01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1		01/30/23	01/31/23	
Surrogate: n-Nonane		109 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA	A		Batch: 2305011
Allons by EFA 500.0/9050A							



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

SW5

		Reporting					
Analyte	Result	Limit	Dilut	tion l	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2305010
Benzene	ND	0.0250	1	(01/30/23	01/30/23	
Ethylbenzene	ND	0.0250	1	(01/30/23	01/30/23	
Toluene	ND	0.0250	1	(01/30/23	01/30/23	
o-Xylene	ND	0.0250	1	(01/30/23	01/30/23	
p,m-Xylene	ND	0.0500	1	(01/30/23	01/30/23	
Total Xylenes	ND	0.0250	1	(01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.3 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	(01/30/23	01/30/23	
Surrogate: Toluene-d8		103 %	70-130	(01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY			Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0	1	(01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.3 %	70-130	(01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	(01/30/23	01/30/23	
Surrogate: Toluene-d8		103 %	70-130	(01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM	·		Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0	1	(01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	(01/30/23	01/31/23	
Surrogate: n-Nonane		110 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2305011
11110110 0 0 1 1111 0 0 0 0 0 1 1							



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

BG1

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2305010
Benzene	ND	0.0250		1	01/30/23	01/30/23	
Ethylbenzene	ND	0.0250		1	01/30/23	01/30/23	
Toluene	ND	0.0250		1	01/30/23	01/30/23	
o-Xylene	ND	0.0250		1	01/30/23	01/30/23	
p,m-Xylene	ND	0.0500		1	01/30/23	01/30/23	
Total Xylenes	ND	0.0250		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.2 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		103 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.2 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		103 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0		1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0		1	01/30/23	01/31/23	
Surrogate: n-Nonane		112 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2305011
Chloride	ND	20.0		1	01/30/23	01/31/23	

Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

BG2

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2305010
Benzene	ND	0.0250		1	01/30/23	01/30/23	
Ethylbenzene	ND	0.0250		1	01/30/23	01/30/23	
Toluene	ND	0.0250		1	01/30/23	01/30/23	
o-Xylene	ND	0.0250		1	01/30/23	01/30/23	
p,m-Xylene	ND	0.0500		1	01/30/23	01/30/23	
Total Xylenes	ND	0.0250		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		92.4 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		104 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		92.4 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		104 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Analyst: KM		: KM		Batch: 2305007
Diesel Range Organics (C10-C28)	ND	25.0	_	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0		1	01/30/23	01/31/23	
Surrogate: n-Nonane		112 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA			Batch: 2305011
Chloride	ND	20.0		1	01/30/23	01/31/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

SW6

		E301148-29					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2305010
Benzene	ND	0.0250	1	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene		91.4 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8		103 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2305010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene		91.4 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8		103 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg Analyst: KM		Batch: 2305007			
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/30/23	01/31/23	
Surrogate: n-Nonane		117 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2305011
Chloride	ND	20.0	1	1	01/30/23	01/31/23	



QC Summary Data

Burton Flats 61 H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 2/3/2023 9:01:48AM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2305010-BLK1) Prepared: 01/30/23 Analyzed: 01/30/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.453 0.500 90.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.481 0.500 96.1 70-130 0.500 104 70-130 Surrogate: Toluene-d8 0.518 LCS (2305010-BS1) Prepared: 01/30/23 Analyzed: 01/30/23 2.61 0.0250 2.50 104 70-130 Benzene 2.50 105 70-130 2.62 Ethylbenzene 0.0250 2.68 0.0250 2.50 107 70-130 70-130 2.76 0.0250 2.50 110 o-Xylene 5.28 5.00 106 70-130 p,m-Xylene 0.0500 8.04 0.0250 7.50 107 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.471 0.500 94.1 70-130 0.500 95.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.479 70-130 Surrogate: Toluene-d8 0.500 0.511 Matrix Spike (2305010-MS1) Source: E301148-21 Prepared: 01/30/23 Analyzed: 01/30/23 48-131 2.54 0.0250 2.50 ND 102 45-135 Ethylbenzene 2.53 0.0250 2.50 ND 101 104 48-130 Toluene 2.60 0.0250 2.50 ND 2.68 0.0250 2.50 ND 107 43-135 o-Xylene ND 103 43-135 p,m-Xylene 5.15 0.0500 5.00 Total Xylenes 7.83 0.0250 7.50 ND 104 43-135 Surrogate: Bromofluorobenzene 0.473 0.500 94.5 70-130 0.500 96.0 70-130 Surrogate: 1,2-Dichloroethane-d4 0.480 0.500 102 70-130 0.510 Surrogate: Toluene-d8 Matrix Spike Dup (2305010-MSD1) Source: E301148-21 Prepared: 01/30/23 Analyzed: 01/30/23 2.53 0.0250 2.50 ND 101 48-131 0.533 23 2.65 0.0250 2.50 ND 45-135 4.38 27 Ethylbenzene ND 108 48-130 3.87 24 2.70 2.50 Toluene 0.0250 o-Xylene 2.80 0.0250 2.50 ND 112 43-135 4.53 27 5.35 5.00 ND 107 43-135 3.75 27 p,m-Xylene 0.0500



27

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

8.15

0.473

0.483

0.530

0.0250

7.50

0.500

0.500

0.500

ND

109

94.5

96.5

106

43-135

70-130

70-130

70-130

4.01

		QC 50	A 111111	ary Data	•				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(Burton Flats 61 01058-0007 Fom Bynum	Н				Reported: 2/3/2023 9:01:48AM
Fiams 1A, /9555-024/		Project Manager:		Tom Bynum					2/3/2023 9:01:46AW
		Volatile O	rganics	by EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305009-BLK1)							Prepared: 0	1/30/23 An	alyzed: 01/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130			
LCS (2305009-BS1)							Prepared: 0	1/30/23 An	alyzed: 01/30/23
Benzene	4.63	0.0250	5.00		92.5	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.7	70-130			
Toluene	4.80	0.0250	5.00		96.1	70-130			
o-Xylene	4.85	0.0250	5.00		96.9	70-130			
p,m-Xylene	9.51	0.0500	10.0		95.1	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			
Matrix Spike (2305009-MS1)				Source:	E301148-	01	Prepared: 0	1/30/23 An	alyzed: 01/30/23
Benzene	4.73	0.0250	5.00	ND	94.6	54-133			
Ethylbenzene	4.76	0.0250	5.00	ND	95.2	61-133			
Toluene	4.90	0.0250	5.00	ND	97.9	61-130			
o-Xylene	4.90	0.0250	5.00	ND	98.1	63-131			
p,m-Xylene	9.66	0.0500	10.0	ND	96.6	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130			
Matrix Spike Dup (2305009-MSD1)				Source:	E301148-	01	Prepared: 0	1/30/23 An	alyzed: 01/30/23
Benzene	4.41	0.0250	5.00	ND	88.2	54-133	7.05	20	
Ethylbenzene	4.35	0.0250	5.00	ND	86.9	61-133	9.09	20	
Toluene	4.49	0.0250	5.00	ND	89.7	61-130	8.74	20	
o-Xylene	4.48	0.0250	5.00	ND	89.5	63-131	9.09	20	
p,m-Xylene	8.82	0.0500	10.0	ND	88.2	63-131	9.09	20	
	13.3	0.0250	15.0	ND	88.7	63-131	9.09	20	

8.00

8.13

70-130



Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	Reported:
PO Box 247	Project Number:	01058-0007	_
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				2	/3/2023 9:01:48AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2305009-BLK1)							Prepared: 0	1/30/23 Ana	lyzed: 01/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			
LCS (2305009-BS2)							Prepared: 0	1/30/23 Ana	lyzed: 01/30/23
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			
Matrix Spike (2305009-MS2)				Source:	E301148-0)1	Prepared: 0	1/30/23 Ana	lyzed: 01/31/23
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			
Matrix Spike Dup (2305009-MSD2)				Source:	E301148-0)1	Prepared: 0	1/30/23 Ana	lyzed: 01/31/23
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130	4.45	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

Surrogate: Bromofluorobenzene

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Burton Flats 61 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum2/3/20239:01:48AM

	Non	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305010-BLK1)							Prepared: 0	1/30/23 Analy	yzed: 01/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.453		0.500		90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
LCS (2305010-BS2)							Prepared: 0	1/30/23 Analy	yzed: 01/30/23
Gasoline Range Organics (C6-C10)	59.8	20.0	50.0		120	70-130			
Surrogate: Bromofluorobenzene	0.472		0.500		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			
Matrix Spike (2305010-MS2)				Source:	E301148-	21	Prepared: 0	1/30/23 Analy	yzed: 01/31/23
Gasoline Range Organics (C6-C10)	65.9	20.0	50.0	ND	132	70-130			M1

Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			
Matrix Spike Dup (2305010-MSD2)				Source:	E301148-2	21	Prepared: 0	1/30/23 Analy	yzed: 01/30/23
Gasoline Range Organics (C6-C10)	58.1	20.0	50.0	ND	116	70-130	12.6	20	
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

0.500

0.454

90.8

70-130

Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					2/3/2023 9:01:48AN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305005-BLK1)							Prepared: 0	1/30/23 An	alyzed: 01/30/23
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.0		50.0		100	50-200			
LCS (2305005-BS1)							Prepared: 0	1/30/23 An	alyzed: 01/30/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.8	38-132			
urrogate: n-Nonane	49.8		50.0		99.7	50-200			
Matrix Spike (2305005-MS1)				Source:	E301146-0)4	Prepared: 0	1/30/23 An	alyzed: 01/30/23
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.7	38-132			
urrogate: n-Nonane	43.9		50.0		87.8	50-200			
Matrix Spike Dup (2305005-MSD1)				Source:	E301146-0)4	Prepared: 0	1/30/23 An	alyzed: 01/30/23
Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.0	38-132	1.46	20	
urrogate: n-Nonane	49.2		50.0		98.5	50-200			

Pima Environmental Services-Carlsbad	Project Name: Burton Flats 61 H		Reported:
PO Box 247	Project Number:	01058-0007	·
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum					2/3/2023 9:01:48AN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305006-BLK1)							Prepared: 0	1/30/23 An	alyzed: 01/30/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	51.7		50.0		103	50-200			
CS (2305006-BS1)							Prepared: 0	1/30/23 An	alyzed: 01/30/23
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
urrogate: n-Nonane	49.9		50.0		99.8	50-200			
Matrix Spike (2305006-MS1)				Source:	E301148-0)1	Prepared: 0	1/30/23 An	alyzed: 01/30/23
Diesel Range Organics (C10-C28)	372	25.0	250	86.5	114	38-132			
urrogate: n-Nonane	49.7		50.0		99.4	50-200			
Matrix Spike Dup (2305006-MSD1)				Source:	E301148-0)1	Prepared: 0	1/30/23 An	alyzed: 01/30/23
Diesel Range Organics (C10-C28)	354	25.0	250	86.5	107	38-132	5.11	20	
urrogate: n-Nonane	47.8		50.0		95.6	50-200			



Pima Environmental Services-Carlsbad	Project Name:	Burton Flats 61 H	Reported:
PO Box 247	Project Number:	01058-0007	·
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				2	/3/2023 9:01:48AN
	Nonha	logenated Or	ganics by	EPA 80151	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305007-BLK1)							Prepared: 0	1/30/23 Ana	llyzed: 01/31/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.1		50.0		114	50-200			
LCS (2305007-BS1)							Prepared: 0	1/30/23 Ana	alyzed: 01/31/23
Diesel Range Organics (C10-C28)	247	25.0	250		98.9	38-132			
Surrogate: n-Nonane	55.3		50.0		111	50-200			
Matrix Spike (2305007-MS1)				Source:	E301149-	02	Prepared: 0	1/30/23 Ana	alyzed: 01/31/23
Diesel Range Organics (C10-C28)	247	25.0	250	ND	99.0	38-132			
Surrogate: n-Nonane	55.4		50.0		111	50-200			
Matrix Spike Dup (2305007-MSD1)				Source:	E301149-	02	Prepared: 0	1/30/23 Ana	alyzed: 01/31/23
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	38-132	3.67	20	
Surrogate: n-Nonane	55.6		50.0		111	50-200			



Chloride

Matrix Spike Dup (2305011-MSD1)

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Burton Flats 61 H 01058-0007	Reported:						
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/3/2023 9:01:48AM						
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									

		Anions	by EPA 3	00.0/9056A	\				Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2305011-BLK1)							Prepared: 0	1/30/23 Ana	lyzed: 01/31/23
Chloride	ND	20.0							
LCS (2305011-BS1)							Prepared: 0	1/30/23 Ana	lyzed: 01/31/23
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2305011-MS1)				Source:	E301146-0	01	Prepared: 0	1/30/23 Ana	lyzed: 01/31/23
Chloride	889	200	250	693	78.6	80-120			M2

250

Source: E301146-01

87.5

80-120

2.48

693

200

912

Prepared: 01/30/23 Analyzed: 01/31/23

20

QC Summary Data

Pima Environmental Services-Carlsbad		Project Name:		Surton Flats 61	Н				Reported:
PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager:		1058-0007 om Bynum					2/3/2023 9:01:48AM
		Anions	by EPA	300.0/9056 <i>A</i>					Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305012-BLK1)							Prepared: 0	1/30/23	Analyzed: 01/30/23
Chloride	ND	20.0							
LCS (2305012-BS1)							Prepared: 0	1/30/23	Analyzed: 01/30/23
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2305012-MS1)				Source:	E301148-0	1	Prepared: 0	1/30/23	Analyzed: 01/30/23
Chloride	3710	20.0	250	3480	92.1	80-120			
Matrix Spike Dup (2305012-MSD1)				Source:	E301148-0	1	Prepared: 0	1/30/23	Analyzed: 01/31/23
Chloride	3700	20.0	250	3480	87.4	80-120	0.317	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:	Burton Flats 61 H	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/03/23 09:01

M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project	Information
---------	-------------

CI .		10	200	
Chai	n	of C	ust	ody

	1 -
2000	1 .2
Page 1	of)

ient: Pima Env	ironmen [*]	tal Servic	ces		Bill To		100		La	ab Us	se On	ly				TAT			rogram
oject: Burtor	Fla	1501	4	Attent	on:		Lab	WO#	+		Job I	Numb	er	1D	2D	3D	Standard	CWA	SDWA
oject Manager:				Addres			E3	3011	178				FOOL				X.		DCDA
ddress: 5614 N.					ate, Zip						Analy	sis an	Metho	d					RCRA
ty, State, Zip H		Л, 88240		Phone		-	-				1							State	
none: 580-748- nail: tom@pir		n		Email:	1000-00-		3015	3015				_					NM CO	1,11,000	TX
port due by:	naon.com	П		Pima	Project # /-	731) by	by 8	3021	260	010	300.0		N N	×		X	OT THE	120
Time Date	Matrix	No. of	Sample ID			Lab	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос		10	Remarks	
ampled Sampled		Containers	Sample 10			Numb	r B	GRC	ВТЕ	NO N	Met	Chlc		BGI	BGC			nemarke	
0:00 1/25/23	S	1	51.1'			L								X					
1 20:05		1	S1-3'			2								1					
0:10			81-5'			3													
0:15			S2-1'			4	1												
0:20			\$7-3'			5													
0;25			92-5'			6													
):30			53.1'			٦													
):35			53-3'			8								1					
0:40			03.5			9				Ħ				\dagger					
):45	4	4	54-1.			10								1					
dditional Instruc	tions:		\cup \cap	な	II to Dan	n · 11	11.	79	4/	1				14	1				
ield sampler), attest to	the validity	and authenti	city of this sample. La	m aware that	tampering with or intention: Sampled by:	ally mislabelling the sam	ple locat			7	Sample	es requir	ng thermal an avg tem	preserva p above	tion mu	ust be recei	ved on ice the day C on subsequent da	they are samp	pled or receiv
inquished by: (Signa		Date	7.23 Time	\ n	ceived by: (Signature)	Date	723	Time	45	5			on ice:	1		se Only			
linquished by: (Sign	ture)	Date	7-23 JIC) Re	ceived by: (Signature)	Date		Time			T1			T2			T3		
inquished by: (Signa		Date	Time		ceived by: (Signature)	Date		Time			AVG	Tem	°c_4						
ple Matrix: S - Soil, Sc	- Solid Sm	Sludge A - A	nueous O - Other			Contain	er Tyn	0.6-	plase	n - n	oly/pl	astic	ag - amb	er gla	ss. v -	- VOA			



Project	Information
---------	-------------

						ain of Custody											Page 2				
Project: 1	ma Envi	1 Fla	ts lol	ces H	Bill To Attention:	0			La		Job N	umber	TAT 1D 2D 3D Standard			Standard	EPA Prog	gram SDWA			
Address:	anager: 5614 N. , Zip Ho	Loving	ton Hwy		Address: City, State, Zip Phone:		上之	\Box	143	8_		is and Method				- X	1	RCRA			
mail: t	: 580-748-1613				Email: Pima Project # /- 23	3/	DRO/ORO by 8015	O by 8015	GRO/DRO by 8015	, 8021	3260	8260	/8260	010	300,0	NM	¥		NM CO	State UT AZ T.	X
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/OR	GRO/DR	втех by 8021	VOC by 8260	Metals 6010	Chloride	BGDOC	BGDOC			Remarks				
0:50	125/23	S	1.	S4-3'		11							X								
10:55	1	1	1	54-5"		12							1								
1:00				85-1		13															
1:05				S5.3'		14															
1:10				55.5'		15															
1:15				S(e-1'		10															
1:20				56.3'		17															
1:25				86.5		18															
1:30				57-1		19															
1:35	4	4	14	S7.3'		20							1								
ddition	Instruct	ions:			Bill to Devo	n: 2	11/	2	94	11			•								
(field sampl ate or time	er), attest to of collection is	the validity considere	and authen d fraud and	icity of this sample. I a	am aware that tampering with or intentionally misl	abelling the sample	locatio	on,	6	2	Samples packed in	requiring thermal print in ice at an avg tem	reserva above	o but le	st be receives than 6 °C	ved on ice the day Con subsequent o	y they are sampled o days.	or receive			
Al	by: (Signat by: (Signat		Date	7-23 9=	Received by: (Signature) Received by: (Signature)	Date Date	A 3	Time	45		Recei	ived on ice:		ab U:	se Only						
Mich	lle (Signat	urla		17:23 21	Received by: (Signature)	1-18-	23	7;	30		T1		<u>T2</u>			<u>T3</u>					
				queous, 0 - Other					~		AVG	Temp °C 4	0								



Project	Information
---------	-------------

Chain of Custody

	0	2
Page	3	of O

Client: P	ima Envi	ronment	al Servi	ces		Bill To				La	b Us	se On	lv				TAT	ſ	EPA P	rogram
	Burto				Att	ention:		Lab	WO#			Job N	Vumbe	er _	1D	2D	3D	Standard	CWA	SDWA
	Nanager:				Ad	dress:			301		8	OIC	SK.	∞		1		X		
Address:	5614 N.	Lovingt	on Hwy.		Cit	y, State, Zip			,			Analy	sis and	Method	i					RCRA
City, Stat	e, Zip Ho	bbs, NN	Л. 88240)	Ph	one:														
Phone:	580-748-	1613			En	nail:		12	15			1 1							State	
Email:	tom@pin	naoil.cor	n			D :	771	y 80	y 80	21	0		0.0		N	1			UT AZ	TX
Report d	ue by:				PI	ma Project #	23/	RO E	RO b	γ 80.	826	601	le 30		1	¥		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample II			Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	втех 6у 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC			Remarks	
11:40	1/25/23	2	1	87-	5'		21								X					
11:45	(1	1	SW	Ĭ		22								1			4.		
11:50				SW	2		23													
11:55				8W3			24												near.	
12:00				SW:			25													
12:05				8W			26								1					
12:10				BG	1		27								1					
12:15	•		. \	BG	1		28								1					
12:20	1		4	SWI	Q		20								1	-				
Addition	al Instruc	tions:		E	Sill to [Jevon: 2111	2541											- unamon mari		
I, (field sam) date or time	pler), attest to of collection	the validity is considere	and authent	icity of this sa	mple. I am aware ds for legal action.	that tampering with or intentionally r Sampled by	mislabelling the sam	le locati	on.	عما	0	Sample packed	es requirir I in ice at	ng thermal an avg tem	p above	0 but l	ess than 6	eived on ice the da °C on subsequent	y they are samp days.	oled or received
Relinquish	ed by: (Signa	iture)	Date	27.23	9:00	Received by: (Signature)	Date /-)	-23	Time	45		Rece	eived o	on ice:		ab U	se Onl	ly		
Relinquish	ed by: (Signa	iture)	Date		Time	Received by: (Signature)	Date 01-2		Time	:30		T1			T2			<u></u>		
	ed by: (Signa		Date		Time	Received by: (Signature)	Date		Time			AVG	Temp	°c 4	.0					
Sample Mat	rix: S - Soil, Sc	- Solid. Sg -	Sludge, A - A	queous. O - C)ther		Contain	er Typ	g-	glass.	q-q					iss, v	- VOA			
Note: Sam	ples are disc	arded 30 d	ays after re	sults are ren	orted unless oth	ner arrangements are made. Haz	zardous samples w	II be re	turned	to cli	ent o	r dispo	sed of a	at the clie	ent ex	pense	. The r	eport for the a	nalysis of the	e above
samples is	applicable o	nly to thos	e samples i	eceived by t	he laboratory w	ith this COC. The liability of the la	boratory is limited	to the	amour	nt paid	forc	on the i	report.							



Page 85 of 175

envirotech Inc.

Printed: 1/28/2023 1:18:27PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

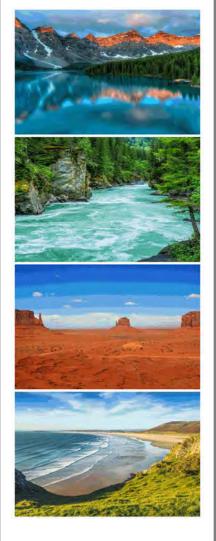
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

	<u> </u>		·	•	-		
Client:	Pima Environmental Services-Carlsbad	Date Received:	01/28/23	07:30		Work Order ID:	E301148
Phone:	(575) 631-6977	Date Logged In:	01/28/23	13:14		Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	02/03/23	17:00 (4 day TAT)			
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC) e sample ID match the COC? e number of samples per sampling site location management of the complete of the complete of the complete of the complete, i.e., signatures, dates/times, request samples received within holding time? Note: Analysis, such as pH which should be conducted it	sted analyses?	Yes Yes Yes Yes	Carrier: <u>C</u>	<u>Courier</u>		
a	i.e, 15 minute hold time, are not included in this disucssi	ion.		Г		Comment	s/Resolution
	urn Around Time (TAT)		Yes				
	COC indicate standard TAT, or Expedited TAT?		ies				
Sample C	ample cooler received?		Yes				
	vas cooler received in good condition?		Yes				
•	sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples arminutes of sampling risible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample C	ontainer	_					
14. Are ac	ueous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes				
Sa Da	el Teld sample labels filled out with the minimum informated in the mi	ormation:	Yes Yes Yes				
Sample P	reservation		100				
21. Does t	he COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
Multipha	se Sample Matrix						
26. Does t	he sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	does the COC specify which phase(s) is to be anal	yzed?	NA				
28. Are sa	act Laboratory mples required to get sent to a subcontract laborate subcontract laboratory specified by the client and i	-	No NA	Subcontract Lab	: NA		
Client In	struction						

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: Burton Flat Deep Unit 61H

Work Order: E303016

Job Number: 01058-0007

Received: 3/7/2023

Revision: 0

Report Reviewed By:

Draft
Walter Hinchman
Laboratory Director
3/7/23

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

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

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

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

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

Date Reported: 3/7/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Burton Flat Deep Unit 61H

Workorder: E303016

Date Received: 3/7/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/7/2023 7:00:00AM, under the Project Name: Burton Flat Deep Unit 61H.

The analytical test results summarized in this report with the Project Name: Burton Flat Deep Unit 61H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Rayny Hagan Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

T	itle Page	1
C	Cover Page	2
T	able of Contents	3
S	Sample Summary	5
S	Sample Data	6
	CS1	6
	CS2	7
	CS3	8
	CS4	9
	CS5	10
	CS6	11
	CS7	12
	CS8	13
	CS9	14
	CS10	15
	CS11	16
	CS12	17
	CS13	18
	CS14	19
	CS15	20
	CS16	21
	CS17	22
	CS18	23
	CSW1	24
	CSW2	25

Table of Contents (continued)

Definitions and Notes	26
Chain of Custody etc.	27

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/07/23 17:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E303016-01A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS2	E303016-02A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS3	E303016-03A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS4	E303016-04A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS5	E303016-05A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS6	E303016-06A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS7	E303016-07A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS8	E303016-08A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS9	E303016-09A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS10	E303016-10A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS11	E303016-11A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS12	E303016-12A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS13	E303016-13A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS14	E303016-14A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS15	E303016-15A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS16	E303016-16A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS17	E303016-17A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CS18	E303016-18A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW1	E303016-19A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW2	E303016-20A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS1

		2000010 01				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6%	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		87.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2310012



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS2

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		llyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		84.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS3

Reporting						
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.5 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS4

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		76.6 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	·

Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS5

	D				
Result			Prepared	Analyzed	Notes
Result	Liiiit	Dilution	Перагец	Allalyzeu	ivotes
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310009
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0500	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
	100 %	70-130	03/06/23	03/07/23	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310009
ND	20.0	1	03/06/23	03/07/23	
	94.3 %	70-130	03/06/23	03/07/23	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2310015
ND	25.0	1	03/07/23	03/07/23	
ND	50.0	1	03/07/23	03/07/23	
	97.9 %	50-200	03/07/23	03/07/23	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310012
mg/Kg	88		,		
	ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0 94.3 % mg/kg ND 25.0 ND 50.0 97.9 %	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 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 97.9 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IV ND 0.0250 1 03/06/23 ND 0.0250 1 03/06/23 ND 0.0250 1 03/06/23 ND 0.0500 1 03/06/23 ND 0.0250 1 03/06/23 ND 0.0250 1 03/06/23 mg/kg mg/kg Analyst: IV ND 20.0 1 03/06/23 mg/kg mg/kg Analyst: KM ND 25.0 1 03/07/23 ND 50.0 1 03/07/23 97.9 % 50-200 03/07/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/06/23 03/07/23 ND 0.0500 1 03/06/23 03/07/23 ND 0.0250 1 03/06/23 03/07/23 mg/kg mg/kg Analyst: IY ND 20.0 1 03/06/23 03/07/23 mg/kg mg/kg Analyst: KM ND 25.0 1 03/07/23 03/07/23 ND 25.0 1 03/07/23 03/07/23 ND 50.0 1 03/07/23 03/07/23 97.9 % 50-200 03/07/23 03/07/23



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS6

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2310012



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS7

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		93.0 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS8

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		102 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	·



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS9

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		99.5 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2310012
Amons by ETA 300.0/7030A						



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		100 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310012
	•		<u> </u>			•



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS11

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2310009
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0500	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
	98.7 %	70-130	03/06/23	03/07/23	
mg/kg	mg/kg	An	alyst: IY		Batch: 2310009
ND	20.0	1	03/06/23	03/07/23	
	90.4 %	70-130	03/06/23	03/07/23	
mg/kg	mg/kg	An	alyst: KM		Batch: 2310015
ND	25.0	1	03/07/23	03/07/23	
ND	50.0	1	03/07/23	03/07/23	
	100 %	50-200	03/07/23	03/07/23	
mg/kg	mg/kg	An	alyst: BA		Batch: 2310012
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 98.7 % mg/kg MD 20.0 90.4 % mg/kg ND 25.0 ND 50.0 100 %	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 20.0 1 90.4 % 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 100 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/06/23 ND 0.0250 1 03/06/23 ND 0.0250 1 03/06/23 ND 0.0250 1 03/06/23 ND 0.0500 1 03/06/23 ND 0.0250 1 03/06/23 mg/kg mg/kg Analyst: IY ND 20.0 1 03/06/23 mg/kg mg/kg Analyst: KM ND 25.0 1 03/07/23 ND 50.0 1 03/07/23 100 % 50-200 03/07/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/06/23 03/07/23 ND 0.0500 1 03/06/23 03/07/23 ND 0.0250 1 03/06/23 03/07/23 mg/kg mg/kg Analyst: IY ND 20.0 1 03/06/23 03/07/23 mg/kg mg/kg Analyst: KM ND 25.0 1 03/07/23 03/07/23 ND 25.0 1 03/07/23 03/07/23 ND 50.0 1 03/07/23 03/07/23 ND 50.0 1 03/07/23 03/07/23



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2310012
		·	·		·	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2310012
·	ND	20.0		03/07/23	03/07/23	<u> </u>



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS14

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY	<u> </u>	Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		105 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
A.: b.: EDA 200 0/005 (A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2310012
Anions by EPA 300.0/9056A						



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS16

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Anal	Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Anal	Analyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		107 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	•



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS17

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		lyst: IY	Tillaryzed	Batch: 2310009
Renzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Ana	Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Ana	Analyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CS18

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Aı	Analyst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		99.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CSW1

E303016-19

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2310012
		·		·	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/7/2023 5:13:01PM

CSW2

E303016-20

	Danartina				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2310009
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
ND	0.0500	1	03/06/23	03/07/23	
ND	0.0250	1	03/06/23	03/07/23	
	105 %	70-130	03/06/23	03/07/23	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2310009
ND	20.0	1	03/06/23	03/07/23	
	95.2 %	70-130	03/06/23	03/07/23	
mg/kg	mg/kg	Anal	lyst: KM		Batch: 2310015
ND	25.0	1	03/07/23	03/07/23	
ND	50.0	1	03/07/23	03/07/23	
	101 %	50-200	03/07/23	03/07/23	
/1		Anal	lyst: BA		Batch: 2310012
mg/kg	mg/kg	Allai	iyst. D/1		Batch. 2310012
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mD 0.0250 MD 20.0250 mg/kg mg/kg mg/kg mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg Ana ND 20.0 1 95.2 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 101 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/06/23 ND 0.0250 1 03/06/23 ND 0.0250 1 03/06/23 ND 0.0500 1 03/06/23 ND 0.0250 1 03/06/23 ND 0.0250 1 03/06/23 mg/kg 70-130 03/06/23 mg/kg mg/kg Analyst: IY ND 20.0 1 03/06/23 mg/kg mg/kg Analyst: KM ND 25.0 1 03/07/23 ND 50.0 1 03/07/23 ND 50.0 1 03/07/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/06/23 03/07/23 ND 0.0500 1 03/06/23 03/07/23 ND 0.0250 1 03/06/23 03/07/23 mg/kg mg/kg Analyst: IY ND 20.0 1 03/06/23 03/07/23 mg/kg mg/kg Analyst: KM ND 25.0 1 03/07/23 03/07/23 ND 25.0 1 03/07/23 03/07/23 ND 50.0 1 03/07/23 03/07/23 ND 50.0 1 03/07/23 03/07/23



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/07/23 17:13

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

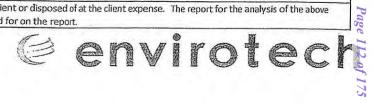


Project	Information

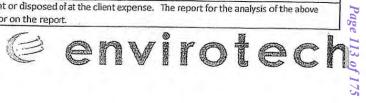
Chain of Custody

	ce ce
Page /	of

Client: Pima Environmental Services Project: Runton Flat per Unit 6/14	Bill To				La	ab Use	Only	у			TAT	- V	EPA P	rogram
Tolect Man ager: Tom Bynum	Attention: DEVON	_	Lab \	NO#	مالہ	J		umber	1D	2D	3D S	tandard	CWA	SDWA
Address: 56 14 N. Lovington Hwy.	City, State, Zip		1-2	000	NA			8-0007	X					
City, State, Zip Hobbs, NM, 88240	Phone:	_	-			A	nalys	is and Metho	d	T 1		4		RCRA
Phone: 580-748-1613 mail: tona@pimaoil.com	Email:		lu l	10	. 8								State	
Report due by:	5: 5		8015	801		J. /	1	0				NMI CO	UT AZ	TXT
Time Date	Pima Project # - 23		O by	O by	8021	3260	010	300.	S	×		X	OI AL	1/4
Sampled Sampled Matrix No. of Containers Sample ID		Lab Number	DRO/ORO by	GRO/DRO by 8015	8тех by 8021	VOC by 8260	Metals 6010	Chloride 300.0	верос	верос			Remarks	
5:00 3/3/23 S 1 CSI		varriger	Δ	O	60	Š	Σ	5		8				
8:05 1 1 CS7							4		χ			-		
105		2					,		1					
S:10 CS3		3							II				1,	
:15 154		Ψ				-	+		+			-		
1:20 CS5		74 1 4					+		+		-	-		
,		8			-=		_		11			-		
		6												
2:30 CS7		7												
':35 CS8		8												
:40 CS9		9					1							
45 4 4 15 1510	7.3 9.7 1.7	10	+		-	+	+		H				1 300	
ditional Instructions:	n. H. 21140111	10			_1				A					
access to the validity and authenticity of this counts	19#: 21112941		15/1											
or time of collection is considered fraud and may be grounds for l	gal action. Sampled by: Judican B	ne sample la	ocation					equiring thermal pr ice at an avg temp						ed or receive
Date Time	Received by (Signature)	te 6 %	Ti	ime 4	ΛΛ		145	- K - F - F	La	ab Use	e Only		- 03 P	11.100
Iquished by: (Signature) Date Time	Received by: (Signature) Date	te	Ti	ime		— Re	ceiv	red on ice:	Y	/ N			3	ě
guished by: (Signature)	15 men fen 3	6-23	3 /	//	5	<u></u>			T2.			<u>T3</u>	to the	
Deling 36-23 25	Received by: (Signature) Dat	17/23	Ti	7: (h				0					3,5,
le Matric 5 - Soil Sd Solid Sg Sludgo A Assess	TOWN TOWN							emp°C 🔑			- 1 m 1 m	100		e di - di dina
Samples are discarded 30 days after results are reported less is applicable only to those samples received by the laboration of the labora	Inless other arrangements are made. Maranda	mamer I	ype:(g - gla	139 p	- poly/	plast	tic, ag - ambe	r glas	s, v - V	/OA			



Client:	Pima En	vironmer	ntal Servi	çes	at			Bill To		T		1:	ab Us	o Or	die		1		TA	T		EDA D	
Project	Burton Man ager	Tom P	eepur	117 61	M		tion: Dewi	on		Lah	WO				Numbe	r	1D	2D	3D		ndard	CWA	rogram
Address	: 56 14 N	Lloving	ton User		-	Addre				F	303	016			57-C			20	30	Sta	nuaru	CVVA	SDWA
City, Sta	te, Zip F	lobbe M	M SOOM		-		tate, Zip			-lon					sis and					-			RCRA
Phone:	580-748	-1613	IVI, 0024(Phone	5:							, in ican) Januar	T	1	1		-			NCNA
Email:	tom@pi	maoil co	m		- 1.	Email:	:			12	15	P 1					1			-		State	
Report o	lue by:				- '	Pima	Droiget #	1.201		/ 80	8015	7			0					li	VMI CO	UT AZ	TX
Time	Date	Matrix	No. of			1 iiiia	Project #	1.731	1 - 1 - 3 -	RO b	RO by	y 802	8260	6010	e 300		NM	¥			X.	7.12	
Sampled	Sampled		Containers	Sample	: ID				Lab Number	DRO/ORO by 8015	GRO/DRO by	ВТЕХ БУ 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	варос				Remarks	
8:50	3/3/23	2	1	CS	11				1								X			1			
8:22				CS	12				12								1			7			
9:00				CS	13				13.							+	+			+			
9:05				05	14				214 Ta					_	-	-	H			+			
9:10				00	10				4					-			1						
9:15				CS	15			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IK.													10	
9:20				CS_	10				ال														
A		•	*	US	<u>17</u>				17														
9:25				CS	18				18														
7:30				Csu	11				19										\exists		-		
9:35	4	4	4	CSN	12				10				\dashv		-	H	\exists						
	l Instruct			1	1,11	· #:	21/1	20111					_			1	-			1			
(field sample	er), attest to	he validity a	nd authentici	ty of this s	JIIIIV	11.	<u> </u>	2941 intentionally mislaba it by: Avon av															
ate or time o	f collection is	considered f	fraud and ma	y be groun	ds for legal act	ion	inpering with or	intentionally mislabe	lling the sample l	ocation	n,	_	Sa	mples	requiring t	hermal pr	eservati	on must	be recei	ved on i	ce the day th	ey are sample	d or received
elinquished	by: Signat	ure)	Date		Time	Rece	eived by: (Signa	by:/www.lu	or Der	W	w	\Rightarrow	pa	acked i	n ice at an	avg temp	above 0	but less	than 6 t	Con sub	sequent days		
	119		13.0	0.53	2:00	f	Middle a	Cante	Date 3-6-2		time	-		,- ii			La	b Use	e Only				
Mull	by: (Signati	45 -	Date 3-/	13	Time 1715	Rece	eived by: (Signa	ature)	Date 3-6-2	20	Time	foc	R	lecei	ved on	ice:	Y	V. N		 3 ₂			7
elinguished	by: (Signati	reh	Date	do	Time	Page	Torenz	& Ten		3	11	15	Ť	1			T2	20.00	1.35	T	3	. A	
Kore		Por-		-23	2300		eived by: (Signa		Date	Т	lime .	_		M.			2 1			-		1.1	
	se-soil,sd-	Solid, Sg - Sh	Idge A - Acou	20110 0 0		0	new 21	5~	3/7/23		7:0		A	VG 7	emp °	4.	0	4.	1	10	and the same	- 10 mg	1
ote: Sample	s are discar	ded 30 days	after recul	te araran	autadI-	nthou -	0		Container T	ype	g - gla	ast, p	- poly	/plas	stic, ag -	amber	glass	, v - V	OA		S 1 510	·	
mples is ap	plicable onl	y to those s	amples rece	eived by the	he laborator	otner arra	ngements are	made. Hazardous ity of the laborator	samples will be	e retui	med to	o clien	t or di	spose	d of at t	ne clien	t expe	nse.	The rep	ort fo	r the analy	sis of the a	bove
						with this	COC The liabil	ity of the laborator	y is limited to t	he am	nount	paid fo	or on t	he re	port.								



envirotech Inc.

Printed: 3/7/2023 8:42:56AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

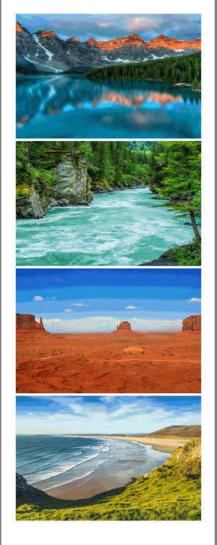
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Sample Cooler 7. Was a sample cooler received? 8. If was a was cooler received in good condition? Yes Separ	Logged In By: Alexa Michaels
Email: tom@pinaoil.com Due Date: 03/07/23 17:00 (0 day TAT) Chain of Custody (COCC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Not: Analysis, such as pH which should be conducted in the field, i.e. Is minute hold time, are not included in this dissuession. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 8. If yes, was cooler received? 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received wii 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers? 19. Is the appropriate volume/weight or number of sample containers? 20. Were field sample labels filled out with the minimum information: Sample ID? 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. As anniple Robert or equested for dissolved metals? No Multiphase Sample Matrix 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 25. Does the sample save more than one phase, i.e., multiphase? 26. Does the sample save more than one phase, i.e., multiphase? 27. If yes, does the COC operity which phase(s) is to be analyzed? 28. Are samples	
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Oses the number of samples per sampling site location match the COC 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as pft which should be conducted in the field, i.e., is minute hold time, are not included in this discussion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 8. If yes, was cooler received? 9. Was the sample(s) received in good condition? 9. Was the sample (s) received in good condition? 9. Was the sample (s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received wii 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers collected? 19. User field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? No Sample Preservation 10. Does the COC or field labels indicate the samples were preserved? No Sample Preservation 11. Does the COC or field labels indicate the samples were preserved? No Sample Preservation 12. Does the COC or field labels indicate the samples were preserved? No Substitute of the sample have more than one phase, i.e., multiphase? No No Substitute Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 10. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 10. Does the COC or field labels indicate the samples were preserved? 11. Does the COC or field labels indicate the samples were preserved? 12. Labels a sample (s) correctly preserved? 13. Is a sample (s) correctly preserved? 14. Is lab filteration required and/or requested for dissolved metals? 15. No 16. Is the appropriate volume/weight or number of sample containers collected? 17. Yes Collectors name? 18. Are sample(s) correctly preserved? 19. No 10. No 11. Does the COC or field labels indicate the samples were preserved? 10. No 11. Does the container 12. Does the sample matrix 13. If no visible ice, in the correct containers are received with the minimum information: 15. Are sample (s) correctly preserved? 16. Does the sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 19. No	to high sample volume for project (on Flat Deep Unit 61H) this has been rated into 3 workorders. Workorders as follows: E303016; E303017; and
10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 10. Does the COC or field labels indicate the samples were preserved? No 21. Does the COC or field labels indicate the samples were preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	3018.
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 10. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 11. Does the COC or field labels indicate the samples were preserved? 12. Does the COC or field labels indicate the samples were preserved? 13. If yes, does the COC specify which phase(s) is to be analyzed? 14. Are samples required to get sent to a subcontract laboratory? 15. Are voC is ample are received with 15 minutes are recived	
Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? No Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? NA 22. Are sample(s) correctly preserved? NA Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 10. Does the COC or field labels indicate the samples were preserved? 11. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? 13. Is lab filteration required and/or requested for dissolved metals? 14. Is lab filteration required and/or requested for dissolved metals? 15. No 16. Does the sample Matrix 17. We work the cock of the sample have more than one phase, i.e., multiphase? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. No	
15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 10. Were field sample labels filled out with the minimum information: 10. Sample ID? 11. Date/Time Collected? 12. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? 13. Is lab filteration required and/or requested for dissolved metals? 14. Is lab filteration required and/or requested for dissolved metals? 15. No 16. Does the sample Matrix 17. If yes, does the COC specify which phase(s) is to be analyzed? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples collected in the correct containers? 18. No 19. No	
16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? No Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 10. Were field sample labels filled out with the minimum information: 10. Sample ID? 11. Date/Time Collected? 12. Does the COC or field labels indicate the samples were preserved? 13. Does the COC or field labels indicate the samples were preserved? 14. Is lab filteration required and/or requested for dissolved metals? 15. Does the sample Matrix 16. Does the sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. No	
18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? No Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Tileyes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Yes Collectors name? No Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Sample ID? Yes Date/Time Collected? Collectors name? No Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Collectors name? No Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
28. Are samples required to get sent to a subcontract laboratory? No	
Client Instruction	

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: Burton Flat Deep Unit 61H

Work Order: E303017

Job Number: 01058-0007

Received: 3/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/8/23

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

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

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

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

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

Date Reported: 3/8/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Burton Flat Deep Unit 61H

Workorder: E303017

Date Received: 3/7/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/7/2023 7:00:00AM, under the Project Name: Burton Flat Deep Unit 61H.

The analytical test results summarized in this report with the Project Name: Burton Flat Deep Unit 61H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Rayny Hagan
Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CSW3	6
CSW4	7
CSW5	8
CSW6	9
CSW7	10
CSW8	11
CSW9	12
CSW10	13
CSW11	14
CSW12	15
CSW13	16
CSW14	17
CSW15	18
CSW16	19
CSW17	20
CSW18	21
CSW19	22
CSW20	23
CSW21	24
CSW22	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA 8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/08/23 13:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW3	E303017-01A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW4	E303017-02A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW5	E303017-03A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW6	E303017-04A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW7	E303017-05A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW8	E303017-06A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW9	E303017-07A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW10	E303017-08A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW11	E303017-09A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW12	E303017-10A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW13	E303017-11A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW14	E303017-12A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW15	E303017-13A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW16	E303017-14A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW17	E303017-15A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW18	E303017-16A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW19	E303017-17A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW20	E303017-18A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW21	E303017-19A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW22	E303017-20A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW3 E303017-01

		200001.01					
Analyte	Result	Reporting Limit	Dilu	ntion	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		7 Harry Zea	Batch: 2310010
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	ı	03/06/23	03/07/23	Batch. 2310010
Benzene	ND ND	0.0250	1	1	03/06/23	03/07/23	
Ethylbenzene	ND ND	0.0250	1	1	03/06/23	03/07/23	
Toluene			1	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250					
p,m-Xylene	ND	0.0500	1		03/06/23	03/07/23	
Total Xylenes	ND	0.0250]	l	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.0 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.0 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/07/23	03/07/23	
Surrogate: n-Nonane		78.9 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
Chloride	ND	20.0	1	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW4

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		75.1 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2310013
	ND	20.0		1	03/07/23	03/07/23	

Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW5

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250	1		03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1		03/06/23	03/07/23	
Toluene	ND	0.0250	1	l	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	l	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1		03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1		03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.5 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		107 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	-	Analyst:	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.5 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		107 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0	1		03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	03/07/23	03/07/23	
Surrogate: n-Nonane		81.8 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW6

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I\	7		Batch: 2310010
Benzene	ND	0.0250	1		03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1		03/06/23	03/07/23	
Toluene	ND	0.0250	1		03/06/23	03/07/23	
o-Xylene	ND	0.0250	1		03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1		03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1		03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.3 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	1	Analyst: I\	7		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.3 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0	1		03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1		03/07/23	03/07/23	
Surrogate: n-Nonane		79.0 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: B	A		Batch: 2310013
THIOUS BY EITH COOLOG > 0.5 Oct							



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW7

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.9 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.9 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		96.2 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	_



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW8

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.0 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		104 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.0 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		104 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		99.7 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW9

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I	Y		Batch: 2310010
Benzene	ND	0.0250	1		03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1		03/06/23	03/07/23	
Toluene	ND	0.0250	1		03/06/23	03/07/23	
o-Xylene	ND	0.0250	1		03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1		03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1		03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.8 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		103 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.8 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		103 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: F	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0	1		03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1		03/07/23	03/07/23	
Surrogate: n-Nonane		98.9 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: E	ВА		Batch: 2310013
11110113 by E111 500:0/703011							



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW10 E303017-08

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	·	1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		98.6 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
				_			



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW11

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250]	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.8 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.8 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		98.0 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013

Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW12

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2310010
Benzene	ND	0.0250	1	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.4 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.4 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.6 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2310013



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW13

E303017-11								
		Reporting						
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010	
Benzene	ND	0.0250		1	03/06/23	03/07/23		
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23		
Toluene	ND	0.0250		1	03/06/23	03/07/23		
o-Xylene	ND	0.0250		1	03/06/23	03/07/23		
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23		
Total Xylenes	ND	0.0250	:	1	03/06/23	03/07/23		
Surrogate: Bromofluorobenzene		99.5 %	70-130		03/06/23	03/07/23		
Surrogate: 1,2-Dichloroethane-d4		118 %	70-130		03/06/23	03/07/23		
Surrogate: Toluene-d8		98.9 %	70-130		03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010	
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23		
Surrogate: Bromofluorobenzene		99.5 %	70-130		03/06/23	03/07/23		
Surrogate: 1,2-Dichloroethane-d4		118 %	70-130		03/06/23	03/07/23		
Surrogate: Toluene-d8		98.9 %	70-130		03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018	
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23		
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23		
Surrogate: n-Nonane		98.8 %	50-200		03/07/23	03/07/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013	
Chloride	ND	20.0		1	03/07/23	03/07/23		



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW14

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		97.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		98.8 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		97.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		98.8 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.9 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
Allons by EPA 500.0/9050A	mg ng	88					



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW15 E303017-13

	_	Reporting	_	_	_		
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2310010
Benzene	ND	0.0250	1	I	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		101 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		100 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0	1	I	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		101 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		100 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RA	AS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.5 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA	Λ		Batch: 2310013
Chloride	ND	20.0	1	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW16

E303017-14								
		Reporting						
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010	
Benzene	ND	0.0250		1	03/06/23	03/07/23		
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23		
Toluene	ND	0.0250		1	03/06/23	03/07/23		
o-Xylene	ND	0.0250		1	03/06/23	03/07/23		
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23		
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23		
Surrogate: Bromofluorobenzene		97.3 %	70-130		03/06/23	03/07/23		
Surrogate: 1,2-Dichloroethane-d4		122 %	70-130		03/06/23	03/07/23		
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010	
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23		
Surrogate: Bromofluorobenzene		97.3 %	70-130		03/06/23	03/07/23		
Surrogate: 1,2-Dichloroethane-d4		122 %	70-130		03/06/23	03/07/23		
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2310018	
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23		
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23		
Surrogate: n-Nonane		98.8 %	50-200		03/07/23	03/07/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2310013	

20.0

03/07/23

03/07/23

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW17

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	ΙΥ		Batch: 2310010
Benzene	ND	0.0250	1	l	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	l	03/06/23	03/07/23	
Toluene	ND	0.0250	1	l	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	l	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.7 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	ΙΥ		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.7 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0	1		03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	[03/07/23	03/07/23	
Surrogate: n-Nonane		94.8 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	BA		Batch: 2310013
Allions by ETA 500:0/7050A							

Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW18 E303017-16

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		121 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		121 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		100 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
		20.0		1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW19

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		103 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		103 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		93.4 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW20 E303017-18

		200001. 10					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
			Di			7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0	•	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		94.0 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW21 E303017-19

Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
				Analyst:		7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Allalyst		02/07/22	Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		91.7 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		91.7 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		95.3 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

CSW22

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I	ď		Batch: 2310010
Benzene	ND	0.0250	1		03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1		03/06/23	03/07/23	
Toluene	ND	0.0250	1		03/06/23	03/07/23	
o-Xylene	ND	0.0250	1		03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1		03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1		03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		94.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		94.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0	1		03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1		03/07/23	03/07/23	
Surrogate: n-Nonane		99.6 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	ı	Analyst: B	A		Batch: 2310013
7 HII OH S D Y 12 17 1 2 0 0 : 0 / 2 0 3 0 7 1							



QC Summary Data

Burton Flat Deep Unit 61H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 3/8/2023 1:28:03PM **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: 03/06/23 Analyzed: 03/07/23 Blank (2310010-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 0.461 0.500 92.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.505 0.500 101 70-130 0.500 106 70-130 Surrogate: Toluene-d8 0.529 LCS (2310010-BS1) Prepared: 03/06/23 Analyzed: 03/07/23 2.12 0.0250 2.50 84.9 70-130 Benzene 2.28 2.50 70-130 91.0 Ethylbenzene 0.0250 2.24 0.0250 2.50 89.6 70-130 2.34 70-130 0.0250 2.50 93.7 o-Xylene 4.64 5.00 92.8 70-130 p,m-Xylene 0.0500 6.98 0.0250 7.50 93.1 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.508 0.500 102 70-130 0.500 101 70-130 Surrogate: 1,2-Dichloroethane-d4 0.503 70-130 Surrogate: Toluene-d8 0.500 0.516 Matrix Spike (2310010-MS1) Source: E303017-01 Prepared: 03/06/23 Analyzed: 03/07/23 2.20 0.0250 2.50 ND 88.2 48-131 45-135 Ethylbenzene 2.37 0.0250 2.50 ND 94.7 48-130 Toluene 2.33 0.0250 2.50 ND 93.4 2.43 0.0250 2.50 ND 97.0 43-135 o-Xylene 4.81 ND 96.2 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.23 0.0250 7.50 ND 96.4 43-135 101 0.504 0.500 70-130 Surrogate: Bromofluorobenzene 0.502 0.500 100 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.514 Surrogate: Toluene-d8 Matrix Spike Dup (2310010-MSD1) Source: E303017-01 Prepared: 03/06/23 Analyzed: 03/07/23 2.14 0.0250 2.50 ND 85.5 48-131 3.06 23 2.30 0.0250 2.50 ND 92.0 45-135 2.96 27 Ethylbenzene ND 48-130 2.32 24 2.28 2.50 91.2 Toluene 0.0250 o-Xylene 2.36 0.0250 2.50 ND 94.4 43-135 2.72 27 5.00 ND 93.3 43-135 3.03 27 4.66 p,m-Xylene 0.0500 27 7.03 0.0250 7.50 ND 93.7 43-135 2.92 Total Xylenes Surrogate: Bromofluorobenzene 0.501 0.500 100 70-130



0.500

0.500

0.499

0.511

99.8

102

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Burton Flat Deep Unit 61HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum3/8/20231:28:03PM

Plains TX, 79355-0247		Project Manager		m Bynum					3/8/2023 1:28:03PM
	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 (2310010-BLK1)							Prepared: 0	3/06/23	Analyzed: 03/07/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.461		0.500		92.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			
LCS (2310010-BS2)							Prepared: 0	3/06/23	Analyzed: 03/07/23
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
Matrix Spike (2310010-MS2)				Source:	E303017-	01	Prepared: 0	3/06/23	Analyzed: 03/07/23
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
Matrix Spike Dup (2310010-MSD2)				Source:	E303017-	01	Prepared: 0	3/06/23	Analyzed: 03/07/23
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130	4.73	20	
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			

0.500

0.500

0.500

0.522

70-130

70-130

99.9

104



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:28:03PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum				3.	/8/2023 1:28:03PM
	Nonhal	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			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 (2310018-BLK1)							Prepared: 0	3/07/23 Ana	lyzed: 03/07/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.5		50.0		82.9	50-200			
LCS (2310018-BS1)							Prepared: 0	3/07/23 Ana	lyzed: 03/07/23
Diesel Range Organics (C10-C28)	180	25.0	250		72.0	38-132			
Surrogate: n-Nonane	40.3		50.0		80.5	50-200			
Matrix Spike (2310018-MS1)				Source:	E303017-0	01	Prepared: 0	3/07/23 Ana	lyzed: 03/07/23
Diesel Range Organics (C10-C28)	170	25.0	250	ND	68.0	38-132			
Surrogate: n-Nonane	38.6		50.0		77.3	50-200			
Matrix Spike Dup (2310018-MSD1)				Source:	E303017-0	01	Prepared: 0	3/07/23 Ana	lyzed: 03/07/23
Diesel Range Organics (C10-C28)	170	25.0	250	ND	68.0	38-132	0.0104	20	
Surrogate: n-Nonane	39.7		50.0		79.3	50-200			



QC Summary Data

Pima Environmental Services-Carlsbac PO Box 247 Plains TX, 79355-0247	d	Project Name: Project Number: Project Manager	0	Burton Flat Dec 11058-0007 Com Bynum	ep Unit 61F	I			Reported: 3/8/2023 1:28:03PM
Tianis 1A, 7/333-0247		, c		300.0/9056A	4				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 (2310013-BLK1)							Prepared: 0	3/07/23 A	analyzed: 03/07/23
Chloride	ND	20.0							
LCS (2310013-BS1)							Prepared: 0	3/07/23 A	analyzed: 03/07/23
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2310013-MS1)				Source:	E303017-1	10	Prepared: 0	3/07/23 A	analyzed: 03/07/23
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2310013-MSD1)				Source:	E303017-1	10	Prepared: 0	3/07/23 A	analyzed: 03/07/23
Chloride	252	20.0	250	ND	101	80-120	0.378	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:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/08/23 13:28

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

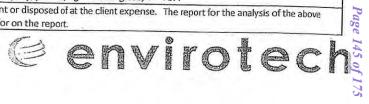


Project	Information
---------	-------------

Chain	of	Custody
-,,,,,,,	0,	Custoury

			e
2	2	1	1 5.
Page_)	of Y	å
			-

Project:	Pima Env Burton F	lat ha	PINIT GO	ces	Attention: DEVON					b U	se Or					TAT		EPA P	rogram
Flolecti	vian ager:	Lom By	/niim		Address:		Lab	WO	1	m		Number		10	2D	3D	Standard	CWA	SDWA
Address:	56 14 N.	Loving	on Hwy.		City, State, Zip		E	303	07		-	28-00							
City, Stat	e, Zîp Ho	obbs, NI	M, 88240)	Phone:		-				Analy	sis and N	Method						RCRA
Phone:	580-748-	1613			Email:		10	10											
Report d	tom@pin	naoil.coi	n				801	8016									NIA CO	State	1 1
Time	Date			1	Pima Project # 1-231		O by	O by	8021	260	010	300.0		N.	×		NM CO	UT AZ	TX
Sampled	Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by	VOC by 8260	Metals 6010	Chloride		верос	ВВБООС		7	Remarks	
9:40	3/3/23	S	1	CSW3			ü	U	<u> </u>	>	2	Ū		χ	BG				
9:45		7		CSW4		2											+		
9:50				CSW 5		3								+					
9:55				CSW 6		4								+			+		
KD:00				CSW 7		6													
10:05		\perp		CSW8		6								\vdash			1	_0.	
10:1D		1.		CSW9		7								H	7 - 1				
10:15				CSW 10		8								H					
0:20				CSWII		q								\dagger					
0:25	I Instructi	*	*	CSW12		Į0								-			7		
				Bill	ina #: 21/12941									* 1					
	f collection is		dila ind	y oc Brounds for legal at	ware that tampering with or intentionally mislabellintion. Sampled by: Tulinano.	ng the sample lo	ocation	1,		S	amples acked in	requiring the	ermal pres	servatio	on must	be receive	d on ice the day the	ey are sample	d or received
41	by: (Signatu		3-6	. 53 Z:00	Received by: (Signature)	3-623)	ime 4	(1)		12.5	ved on i	. 17		b Use	Only			
Mich	by: (Signatu	uselle	3-6	e 23 175	no constant	Date 17/5	T	īme			1:		4 11		1		TO.		
Low	enso	Lein	Date 3-6	23 Z 3 00	Received by: (Signature)	Date 3/7/23	Ti	ime 7:(חכ		vie -	emp°C	*(<u>T3</u>	7	
mple Matrix	5 - Soil, d - S	olid, Sg - Slu	idge, A - Aqui	eous, O - Other			VDEZ			nob	Wolar	emp C	mbos	alace	14	04	<u> </u>	Y	" and "
mologicas	olicable sal	rea 30 days	s after resul	ts are reported unless	cother arrangements are made. Hazardous so y with this COC. The liability of the laboratory	amples will be	retur	med to	client	ord	icasas	ما ما مه داد	annuel	Siass	, v - v	UA			



Project	Information
Hoject	infor rnation

Chain of Custody

Page <u>4</u> of <u>6</u>

Client: F	Pima Env	rironmen	tal Servi	ces	D211.77															
Project:	DON TON	Flat	11099	nit WH	Attention: Dev DN Bill To					ab Us						TA	T		EPA P	rogram
LIOIGCE	vian ager:	I om By	num		Address:	11-1-1-1-1-1	Lab	WO	#	149		Numbe		ĮD	2D	3D	Star	ndard	CWA	SDWA
Address	: 56 14 N	. Lovingt	on Hwy.		City, State, Zip		1	303	017		-	28-00	-	X						
City, Sta	te, Zīp H	obbs, NI	N. 88240)	Phone:				,		Analy	sis and	Metho	d						RCRA
Phone:	580-748	1613			Email:	_														
Email:	tom@pir	naoil.cor	n				015	8015											State	
Report d	lue by:				Pima Project # 1-23 [by 8	by 8	21	00	0	0.0		NN			Ŋ	VM CO	UT AZ	TX
Time	Date	Matrix	No. of	C 1 10	1 201	I WINDY	080	ORO	y 80	/826	601	le 30		7	¥			X		
Sampled	Sampled	WIGGIA	Containers	Sample ID		Lab Number	ORO/(SRO/DRO by	ВТЕХ by 8023	VOC by 8260	Metals 6010	Chloride 300,0		верос	верос				Remarks	
10:30	3/3/23	S		CSW 13		11		-	<u> </u>	2		0	\top	Y	æ		\top			
10:35	1)	1	CSW 14									-	1			+			
10:40				CSUK		12								+			-			
				COM 12		13											. 1			
10:45				csw lu		14								T						
10:50				CSW 17		K							1			Ħ	+			
10:55				CSW 18		3-10-						-	+	+			+			
A 10 10 10 10 10 10 10 10 10 10 10 10 10				C3 VV 10		16						0.		Ш						
11:00		-	1	CSW 19		17														
11:05				CSW 20	7	18												All and the second		
11:10				CSW Z		19								Ш			1			-
1:12	*	*	*	CSW 22)	20							1	H			_	-		
Additiona	l Instructi	ons:				9 1								4		. 1,				
(field sample	er), attest to t	he validity an	id authentici	ty of this sample. Lam a	Billing # 2111 ware that tampering with or intentionally misla tion. Sampled by: Audinary	2941		-												
ate or time o	f collection is	considered fi	raud and ma	y be grounds for legal ac	tion. Sampled by: #10000	n Book	ocation	20	>	S	amples arked i	requiring t	nermal pr	eservati	on must	t be recei	ved on ic	ce the day the sequent days.	ey are sample	d or received
elinquished	by Signati	ıre)			heceived by: (Signature)	Date	17	me				Tice at all	wg temp					sequent days.	110	
alinguiched	by Signatu		3.6	.53 2:00	Willer Cus	Date 3 (4-2)	3 1		50			ved on			/ N	e Only	. 0	a 10/1	1,21	
Micel	Ou Gu		Date	20 1715	Received by: (Signature)		2 1	Time / 7	15			ved on	ice:	. W	J. 14		. 3 · ·	2 10 10	3	* 1
elinguished	by: (Signatu	re)	Date	Time	Received by: (Signature)	Date	2	11	10	1	1.	62 de		T2	w. (E)	1.13		3	<u> </u>	
France Matrix	eves	teri	3-6	-23 2300	July 3137	3/7/23	Į,	71.	00	4	VGT	emp ^o (47				* ;		** *.	50
ote: Sample	s are discar	ded 30 day	ofter	eous, O - Other		Container 7	ype:	g - gla	a sea						. V - V	/OA	Yay	1 1 mm		of Code
imples is ap	plicable only	to those sa	anter resul	is are reported unless	other arrangements are made. Hazardo y with this COC. The liability of the labora	us samples will be	e retui	med t	o clier	nt or d	ispose	d of at t	ne clien	t expe	nse.	The rep	ort for	the analy	sis of the a	bove
			P.00. CCC	co by the laudiator	y with this LOC. The liability of the laborat	tonic limited to t	L	and the second										A STATE OF THE PARTY OF THE PAR		

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

Page 146 at 175

Printed: 3/7/2023 8:46:05AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

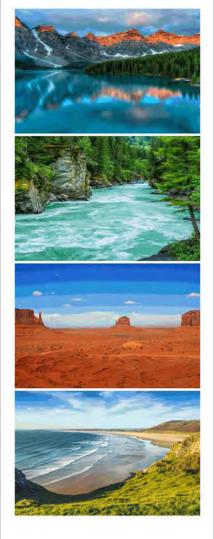
Instructions: Please take note of any NO checkmarks.

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:	03/07/23	07:00	Work Order ID: E303017
Phone:	(575) 631-6977	Date Logged In:	03/06/23	14:56	Logged In By: Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	03/07/23	17:00 (0 day TAT)	
Chain of	Custody (COC)_				
	e sample ID match the COC?		Yes		
2. Does th	e number of samples per sampling site location mate	the COC	Yes		
3. Were sa	imples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>
4. Was the	COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes		
5. Were al	l 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 T	urn Around Time (TAT)				
	COC indicate standard TAT, or Expedited TAT?		Yes		Due to high sample volume for project (
Sample C	<u>ooler</u>				Burton Flat Deep Unit 61H) this has been
	ample cooler received?		Yes		separated into 3 workorders. Workorders
8. If yes, v	vas cooler received in good condition?		Yes		are as follows: E303016; E303017; and
9. Was the	sample(s) received intact, i.e., not broken?		Yes		l · · · · · · · · · · · · · · · · · · ·
	custody/security seals present?		No		E303018.
	were custody/security seals intact?		NA		
12. Was the	sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling isible ice, record the temperature. Actual sample	received w/i 15	Yes		
Sample C		<u> </u>	<u>~</u>		
	queous VOC samples present?		No		
	OC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	trip blank (TB) included for VOC analyses?		NA		
	on-VOC samples collected in the correct containers?		Yes		
	ppropriate volume/weight or number of sample contain	ers collected?	Yes		
Field Lab	·· ·		145		
	ield sample labels filled out with the minimum infor	mation:			
	mple ID?		Yes		
	ate/Time Collected?		Yes		
C	ollectors name?		No		
	<u>reservation</u>				
	he COC or field labels indicate the samples were pro	eserved?	No		
	mple(s) correctly preserved?	. 1.0	NA		
24. Is lab	filteration required and/or requested for dissolved me	etals?	No		
	se Sample Matrix				
	he sample have more than one phase, i.e., multiphas		No		
27. If yes,	does the COC specify which phase(s) is to be analyst	zed?	NA		
Subcontra	act Laboratory				
28. Are sa	mples 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 In	<u>struction</u>				

Page 33 of 33

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: Burton Flat Deep Unit 61H

Work Order: E303018

Job Number: 01058-0007

Received: 3/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/8/23

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

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

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

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

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

Date Reported: 3/8/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Burton Flat Deep Unit 61H

Workorder: E303018

Date Received: 3/7/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/7/2023 7:00:00AM, under the Project Name: Burton Flat Deep Unit 61H.

The analytical test results summarized in this report with the Project Name: Burton Flat Deep Unit 61H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director
Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CSW23	6
CSW24	7
CSW25	8
CSW26	9
CSW27	10
CSW28	11
CSW29	12
CSW30	13
CSW31	14
CSW32	15
CSW33	16
CSW34	17
CSW35	18
CSW36	19
QC Summary Data	20
QC - Volatile Organics by EPA 8021B	20
QC - Nonhalogenated Organics by EPA 8015D - GRO	21
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	22
QC - Anions by EPA 300.0/9056A	23
Definitions and Notes	24

Table of Contents (continued)

Chain of Custody etc. 25

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	Donoutode
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/08/23 13:29

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW23	E303018-01A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW24	E303018-02A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW25	E303018-03A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW26	E303018-04A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW27	E303018-05A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW28	E303018-06A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW29	E303018-07A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW30	E303018-08A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW31	E303018-09A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW32	E303018-10A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW33	E303018-11A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW34	E303018-12A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW35	E303018-13A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
CSW36	E303018-14A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW23 E303018-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		78.6 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW24

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.6 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		76.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW25

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		80.2 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW26

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		99.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW27

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.4 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		104 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW28

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	·



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW29

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	·



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW30

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310014



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW31

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		99.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	·



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW32

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		103 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Car	Isbad Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW33

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		100 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW34

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		99.7 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW35

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		84.6 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310014
· · · · · · · · · · · · · · · · · · ·	ND	20.0		03/07/23	03/07/23	<u> </u>



Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

CSW36

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2310011
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		81.5 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2310014
· · · · · · · · · · · · · · · · · · ·	ND	20.0		03/07/23	03/07/23	· · · · · · · · · · · · · · · · · · ·



QC Summary Data

Burton Flat Deep Unit 61H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 3/8/2023 1:29:57PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2310011-BLK1) Prepared: 03/06/23 Analyzed: 03/07/23 ND 0.0250 ND 0.0250 Ethylbenzene Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.89 8.00 98.6 70-130 LCS (2310011-BS1) Prepared: 03/06/23 Analyzed: 03/08/23 4.57 5.00 91.4 70-130 Benzene 0.0250 Ethylbenzene 4.61 0.0250 5.00 92.2 70-130 4.74 0.0250 5.00 94.9 70-130 Toluene 94.7 o-Xylene 4.73 0.0250 5.00 70-130 9.35 10.0 93.5 70-130 0.0500 p.m-Xvlene 93.9 70-130 14.1 0.0250 15.0 Total Xylenes 8.00 98.2 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.85 Matrix Spike (2310011-MS1) Source: E303018-01 Prepared: 03/06/23 Analyzed: 03/08/23 4.74 0.0250 5.00 ND 94.8 54-133 Benzene ND 95.3 61-133 Ethylbenzene 4.77 0.0250 5.00 Toluene 4.91 0.0250 5.00 ND 98.2 61-130 4.91 5.00 ND 98.2 63-131 0.0250 o-Xylene p,m-Xylene 9.66 0.0500 10.0 ND 96.6 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.00 8.00 Matrix Spike Dup (2310011-MSD1) Source: E303018-01 Prepared: 03/06/23 Analyzed: 03/08/23 4.85 0.0250 5.00 ND 96.9 54-133 2 24 20

ND

ND

ND

ND

ND

5.00

5.00

5.00

10.0

15.0

8.00

4.86

5.01

5.01

9.86

14.9

7.89

0.0250

0.0250

0.0250

0.0500

0.0250

97.3

100

100

98.6

99.1

98.7

61-133

61-130

63-131

63-131

63-131

70-130

2.05

2.08

1.92

2.09

2.03

20

20

20

20

20

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Burton Flat Deep Unit 61H 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				3	/8/2023 1:29:57PM
	Nor	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2310011-BLK1)							Prepared: 0	3/06/23 Ana	lyzed: 03/07/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			
LCS (2310011-BS2)							Prepared: 0	3/06/23 Ana	lyzed: 03/08/23
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			
Matrix Spike (2310011-MS2)				Source:	E303018-0	01	Prepared: 0	3/06/23 Ana	lyzed: 03/08/23
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			
Matrix Spike Dup (2310011-MSD2)				Source:	E303018-0	01	Prepared: 0	3/06/23 Ana	lyzed: 03/08/23
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.9	70-130	2.54	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Burton Flat Deep Unit 61H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 1:29:57PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					3/8/2023 1:29:57PM
	Nonhal	logenated Or	ganics by l	EPA 80151	D - DRO	/ORO			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 (2310021-BLK1)							Prepared: 0	3/07/23 A	nalyzed: 03/08/23
riesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.3		50.0		101	50-200			
.CS (2310021-BS1)							Prepared: 0	3/07/23 A	nalyzed: 03/08/23
riesel Range Organics (C10-C28)	227	25.0	250		91.0	38-132			
urrogate: n-Nonane	49.4		50.0		98.8	50-200			
Aatrix Spike (2310021-MS1)				Source:	E303018-	05	Prepared: 0	3/07/23 A	nalyzed: 03/08/23
riesel Range Organics (C10-C28)	237	25.0	250	ND	94.9	38-132			
urrogate: n-Nonane	50.4		50.0		101	50-200			
Matrix Spike Dup (2310021-MSD1)				Source:	E303018-	05	Prepared: 0	3/07/23 A	nalyzed: 03/08/23
riesel Range Organics (C10-C28)	230	25.0	250	ND	91.9	38-132	3.21	20	
urrogate: n-Nonane	46.9		50.0		93.7	50-200			



Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Burton Flat Dee 01058-0007	ep Unit 611	ł			Reported:
Plains TX, 79355-0247		Project Manager	: '	Tom Bynum					3/8/2023 1:29:57PM
		Anions	by EPA	300.0/9056	A				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 (2310014-BLK1)							Prepared: 0	3/07/23 A	analyzed: 03/07/23
Chloride	ND	20.0							
LCS (2310014-BS1)							Prepared: 0	3/07/23 A	analyzed: 03/07/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2310014-MS1)				Source:	E303018-	03	Prepared: 0	3/07/23 A	analyzed: 03/07/23
Chloride	254	20.0	250	ND	101	80-120			
Matrix Spike Dup (2310014-MSD1)				Source:	E303018-	03	Prepared: 0	3/07/23 A	analyzed: 03/07/23

250

20.0

102

80-120

0.219

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:	Burton Flat Deep Unit 61H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/08/23 13:29

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

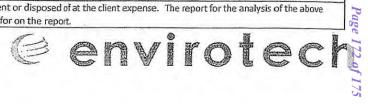


Project In	formation
------------	-----------

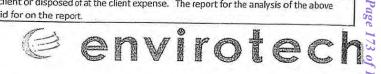
Chain of Custody

	_ 1	Сe
Page 5	of Q	ive
		2

Client: Pima Environmental Services Project: Burton Flat Deep Unit with	Attention: Devon						se Or	nly	T			TAT		EPA P	rogram
Troject Mail ager: Tom Rynum	Attention: Address:		Lab \	WO#				Number	1D	2	D 3	D St	andard	CWA	SDWA
Address: 56 14 N. Lovington Hwy	City, State, Zip		F 3	03	800			7000-8	X						1144
City, State, Zip Hobbs, NM 88240	Phone:						Analy	sis and Meth	od						RCRA
Phone: 580-748-1613	Email:			1,									- 4	61.1	
Email: tom@pimaoil.com			8015	3015									NINAL CO	State	TVI
Report due by:	Pima Project # -23		(O by	tO by	8021	8260	010	300.0	S		4		X	UT AZ	IX
Sampled Sampled Matrix Containers Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC		верос			Remarks	
11:20 3/3/23 S 1 CSW 23	}	1		0	83	>	_ <	0	χ	_	ω				
11:25 CSW 2		2							1	-	1				
11:30 CSW 25		3							+	1		+			
11:35 CSW 2	lo	q	-						\forall	t		+			-
11:40 CSW Z		5							+	+	+	+			
11:45 CSW 25		6							#	+	+	+		и	
11:50 CSW 2	0	7							+	+	-	-			
11'65	7	1 1 - 1 - V 5 P 1 V 6 P 6							1	+	_			in the latest and the	
	0	8										4-			
2:00 CSW 3	7	9													
2:05 W SW 3	2,	Ю							1	1	7		- Spiness		
dditional Instructions:	73111 11-2 0111-2-11	.h							1.4						
te or time of collection is considered fraud and may be grounds for log-	m aware that tempering with or intentionally mislabelli	Remote I	ocation	10	7			s requiring therma in ice at an avg ten							ed or received
3.6.23 7:0	IRRCOWED by Cianotucal	Date	T	ine I'Yi	1			er vy fyr	1	lab	Use (Sabsequent da		
Mulli (1142 Flan)		Date 3-6-2	7	ime		-		ived on ice:	••	y)].	19			3	¥*
Time Time			Т	ime			T1		**				T3.		3.5
nple Matrix S - Sol, Sd - Solid, Sg - Sludge A - Aguagua O Out	7 7 7 7	3/7/23		7:				Temp°C_4		· Jane					A Secretary
te: Samples are discarded 30 days after results are reported un nples is applicable only to those samples received by the labora		Container	Typo	1-1	1006		1. / 1			-	110				



Client: F	Pima En	vironmer	tal Serv	ces	Bill To		T-		1:	sh 11è	no Or	-I _s ,	_	г		TA	7		ED4 D	
Project Man ager: Tom Bynum Address: 56 14 N Levington M							Lab WO#				Use Only			The state of the s			Standard			rogram
							Lab WO# E 3030 8			. 4	Job Number			₽	20	30	Sta	ndard	CWA	SDWA
City, State Zin Hobbs NIM 20246							1 203018				Analysis and Method								-	DCDA
Phone:	580-748	-1613	VI, 8824(Phone:						Ariary	ysis and iv	T			Т				RCRA
Email:	tom@pi	maoil cor	m		Email:		15	5	X- 1								F	- H	State	
Email: tom@pimaoil.com Report due by: Email: Pima Project # 1 - 7 2 1						1	8015					0				1	NM CO		TX	
Time	Date		T		Pima Project # 1 - 23	l	0 6)	O by	802	3260	010	300		N	×		F	X	OI AL	TA .
Sampled	Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by	втех ьу 8021	VOC by 8260	Metals 6010	Chloride 300,0		ВСООС	верос		1		Remarks	
12:10	3/3/23	S	1	CSW 33	S	11		0	80	>	2	0		V	B		\dashv			
12:15			1	CSW 34		12							-	1			+			
12:20				CSW 35	The state of the s	13						-	-	+		-	+			
12:25	4	A	4	CSW 36		10 10 11 11 11 11								-		+	-			
				0014 04		14								4			4	-		
		10	*																	
																				- 1
1	,	36	**							1				794		-	1			
	Instructi			Ril	ling #: 21/129	7/1			_1		- 4						_1_			
(field sampler	r), attest to t	he validity an	d authentici	ty of this sample. Lam a	ware that tampering with or intentionally mistion. Sampled by: AUOV	9/														
ite or time of	collection is	considered for	raud and ma	y be grounds for legal as	tion	abelling the sample lo	cation	das	,	Sa	mples	requiring the	rmal pre	servatio	n must	be receiv	ved on i	ice the day the	ey are sample	d or received
elinquished	by: 12gnatu	ure)	Date			wa Toeru	WILL	a	2	pa	acked in	n ice at an av	tempa			***************************************		osequent days.		
olinquiched by (Signatura)					3- le 2							A 10								
wille	u Gu	52	36	23 171	The Contract of the second	3-6-28	T	ime 17	15		1			_	3.4		T	•		
Plinquished by: (Signature) Date Time Received by: (Signature) Public Scills Science Sc						3/1/23		Time 7.66 AVG Temp °C 4.8												
fiple Matrix:	Se Soil Sd - S	olid, Sg - Slui	dee A - Aque	oue o out	- July					A	VG 7	emp °C	4.0). 			40 m	1 2 00 1		C. Carrie
cc. Samples	are discard	ed 30 davs	after recult	to are seened. I	other arrangements are made Hazard	Container T	ype:	g - gla	iss p	- poly	/plas	stic, ag - a	mber	glass	v - V	OA				
ipies is app	sicable only	to those sa	imples rece	ived by the laborator	s other arrangements are made. Hazard y with this COC. The liability of the labora	atory is limited to the	retur ne am	ned to	o clien paid fo	t or di or on ti	spose he rep	ed of at the port.	client	exper	ise. T	he repr	ort for	r the analy:	sis of the a	bove



envirotech Inc.

Printed: 3/7/2023 8:49:02AM

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:	03/07/23 0	7:00	Wo	ork Order ID:	E303018		
Phone:	(575) 631-6977	Date Logged In:	03/06/23 14	4:56	Lo	gged In By:	Alexa Michaels		
Email:	tom@pimaoil.com	Due Date:	03/07/23 1	7:00 (0 day TAT)					
Chain of	Chain of Custody (COC)								
1. Does th	ne sample ID match the COC?		Yes						
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes						
3. Were sa	amples dropped off by client or carrier?	Yes	Carrier: C	<u>Courier</u>					
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes						
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted it	n the field,	Yes				-		
	i.e, 15 minute hold time, are not included in this disucssi	on.				Comments	s/Resolution		
	COC in disease about TAT on Franchis d TAT?		37		Due to high s	amnle voli	me for project (
	COC indicate standard TAT, or Expedited TAT?		Yes			-	1H) this has been		
Sample C			Yes			-	*		
	sample cooler received? was cooler received in good condition?				*		lers. Workorders		
•	<u>•</u>		Yes		are as follows	s: E303016	; E303017; and		
	e sample(s) received intact, i.e., not broken?		Yes		E303018.				
	custody/security seals present?		No						
11. If yes,	were custody/security seals intact?		NA						
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes						
		temperature. 4	<u>c</u>						
Sample C			NT-						
	queous VOC samples present?		No NA						
	OC samples collected in VOA Vials?		NA NA						
	head space less than 6-8 mm (pea sized or less)?								
	trip blank (TB) included for VOC analyses?	0	NA						
	on-VOC samples collected in the correct containers		Yes						
	appropriate volume/weight or number of sample contai	ners collected?	Yes						
Field Lab									
	field sample labels filled out with the minimum info ample ID?	этпаноп:	Yes						
	ate/Time Collected?		Yes						
	ollectors name?		No						
Sample P	reservation_								
21. Does	the COC or field labels indicate the samples were p	reserved?	No						
22. Are sa	ample(s) correctly preserved?		NA						
24. Is lab	filteration required and/or requested for dissolved r	netals?	No						
<u>Mu</u> ltipha	se Sample Matrix								
	the sample have more than one phase, i.e., multipha	ise?	No						
	does the COC specify which phase(s) is to be anal		NA						
•		•							
	act Laboratory	9	Ma						
	amples required to get sent to a subcontract laborate subcontract laboratory specified by the client and i	•	No NA	C144 T -1-	NI A				
		i so wilo:	INA	Subcontract Lab); NA				
Client Ir	<u>istruction</u>								

Date

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

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

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

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

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

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

CONDITIONS

Action 198681

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	198681
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created B	y Condition	Condition Date
rhamlet	Incident NAPP2300160892 was previously closed on 7/31/2023. Possible duplicate upload.	8/1/2023