

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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NAPP2300160892
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: *Dale Woodall* Date: 3/20/2023

email: dale.woodall@dvn.com Telephone: 575-748-1839

OCD Only

Received by: Jocelyn Harimon Date: 03/20/2023

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.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- 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)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- 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: *Dale Woodall* Date: 3/20/2023
 email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: Jocelyn Harimon Date: 03/20/2023

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: _____



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. NAPP2300160892

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 (Appendix A)	Constituent & Limits				
	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 ENERGY - BURTON FLAT DEEP UNIT 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	Cl mg/kg
S-1	1'	ND	ND	ND	86.5	ND	86.5	3480
	3'	ND	ND	ND	300	144	444	675
	5'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	630
	3'	ND	ND	ND	198	125	323	1150
	5'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	171	76.1	247.1	2310
	3'	ND	ND	ND	ND	ND	0	281
	5'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	84	ND	84	28500
	3'	ND	ND	ND	52.8	ND	52.8	258
	5'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	642
	3'	ND	ND	ND	ND	ND	0	397
	5'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	ND	ND	0	434
	3'	ND	ND	ND	57	ND	57	429
	5'	ND	ND	ND	ND	ND	0	ND
S-7	1'	ND	ND	ND	128	60.4	188.4	343
	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 (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI 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'	ND	ND	ND	ND	ND	0	ND
CS 6	3'	ND	ND	ND	ND	ND	0	ND
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'	ND	ND	ND	ND	ND	0	ND
CS 17	3'	ND	ND	ND	ND	ND	0	ND
CS 18	3'	ND	ND	ND	ND	ND	0	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'	ND	ND	ND	ND	ND	0	ND
CSW 11	3'	ND	ND	ND	ND	ND	0	ND
CSW 12	3'	ND	ND	ND	ND	ND	0	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
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



Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

3-Karst Map



4-Site Map

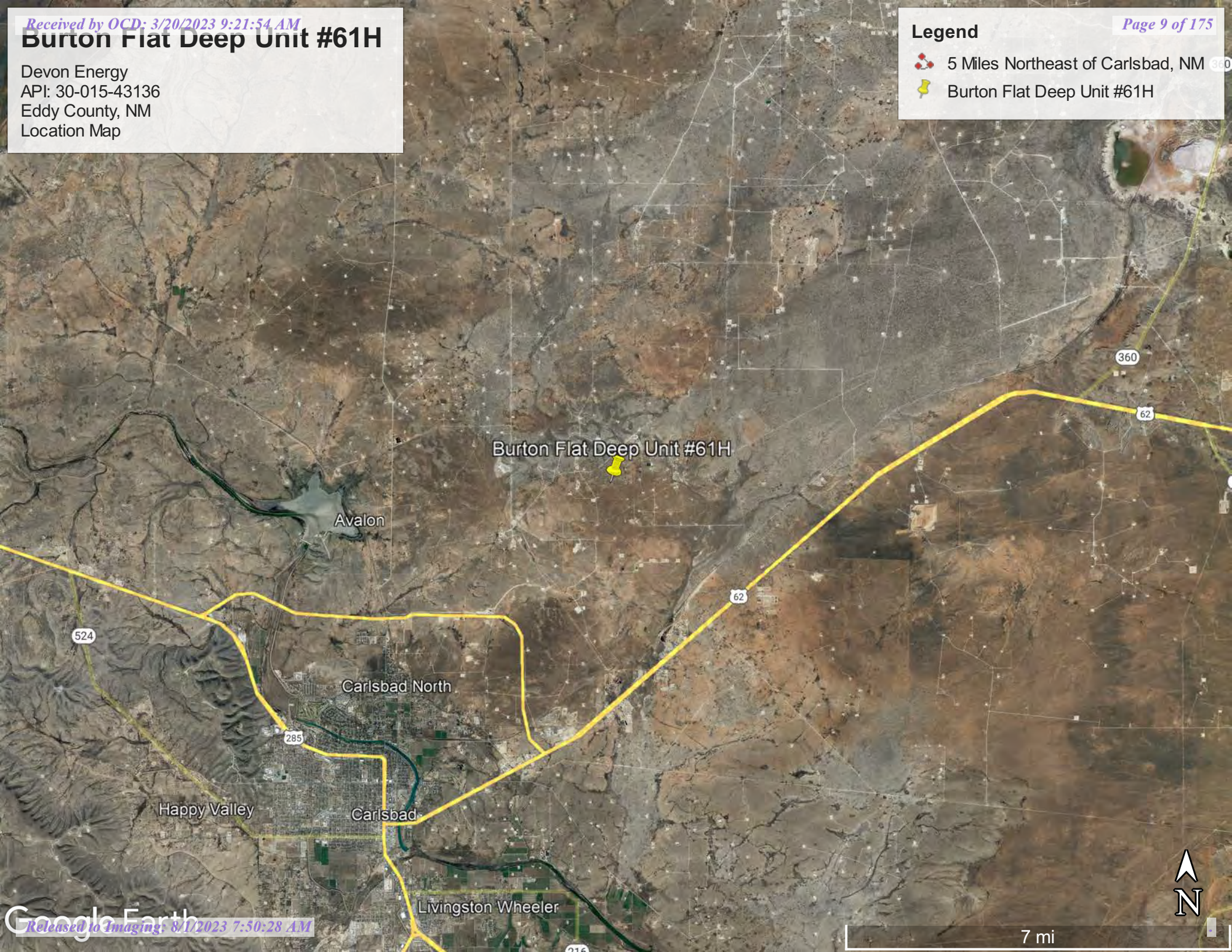
5-Confirmation Sample Map

Burton Flat Deep Unit #61H

Devon Energy
API: 30-015-43136
Eddy County, NM
Location Map

Legend

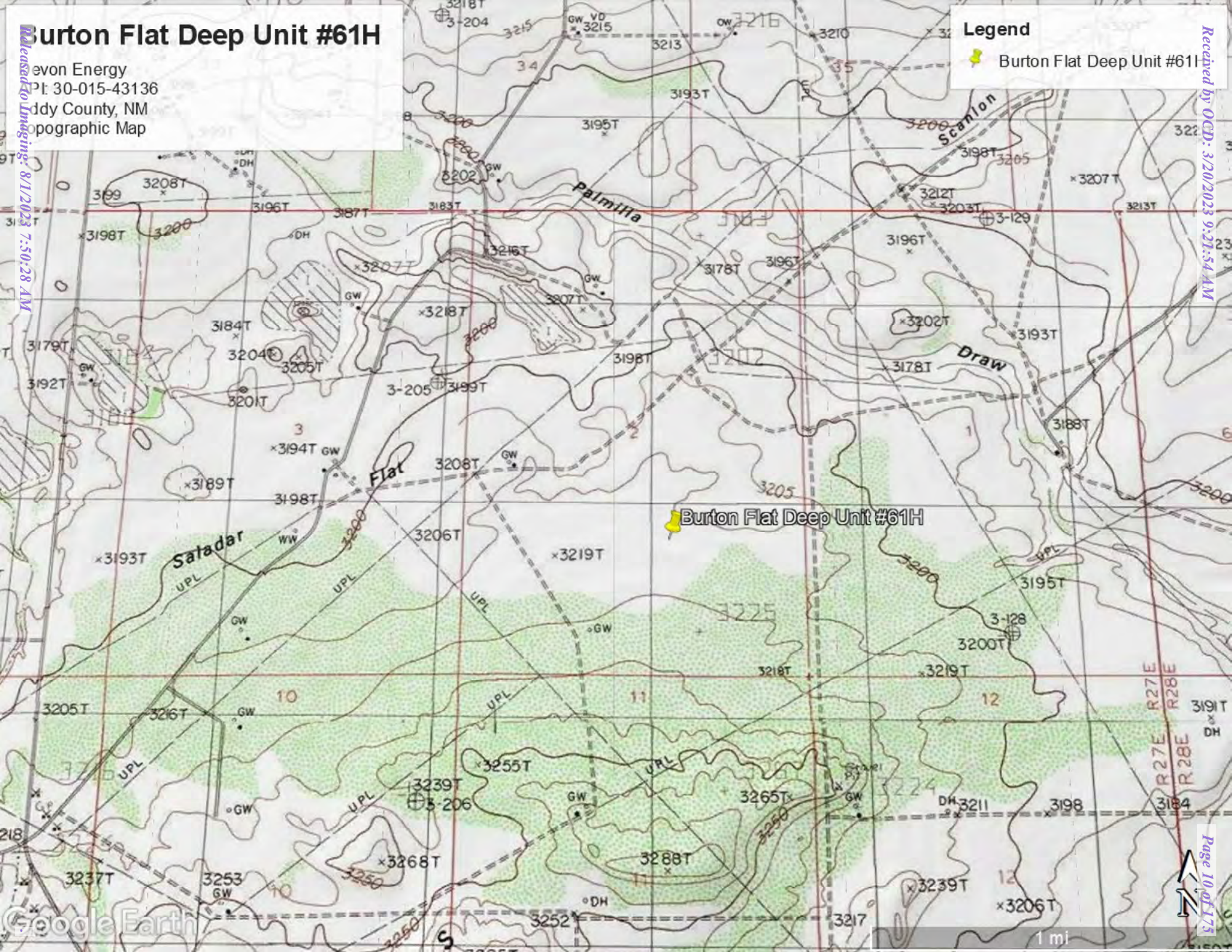
-  5 Miles Northeast of Carlsbad, NM
-  Burton Flat Deep Unit #61H



Burton Flat Deep Unit #61H

Devon Energy
PI: 30-015-43136
Seddy County, NM
Topographic Map

Legend
Burton Flat Deep Unit #61H



Released To Imaging: 8/1/2023 7:50:28 AM

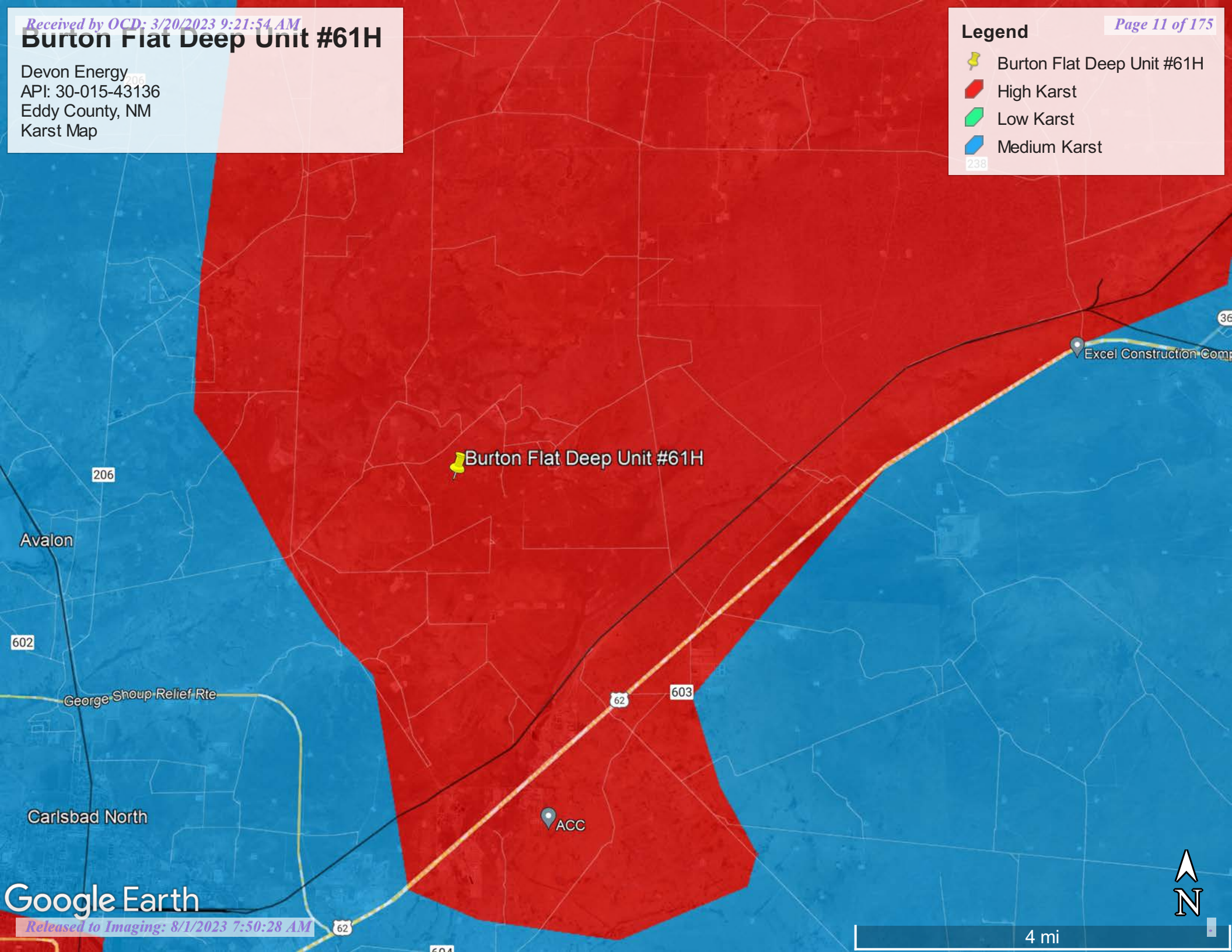
Received by OCD: 3/20/2023 9:21:54 AM

Burton Flat Deep Unit #61H

Devon Energy
API: 30-015-43136
Eddy County, NM
Karst Map

Legend

-  Burton Flat Deep Unit #61H
-  High Karst
-  Low Karst
-  Medium Karst

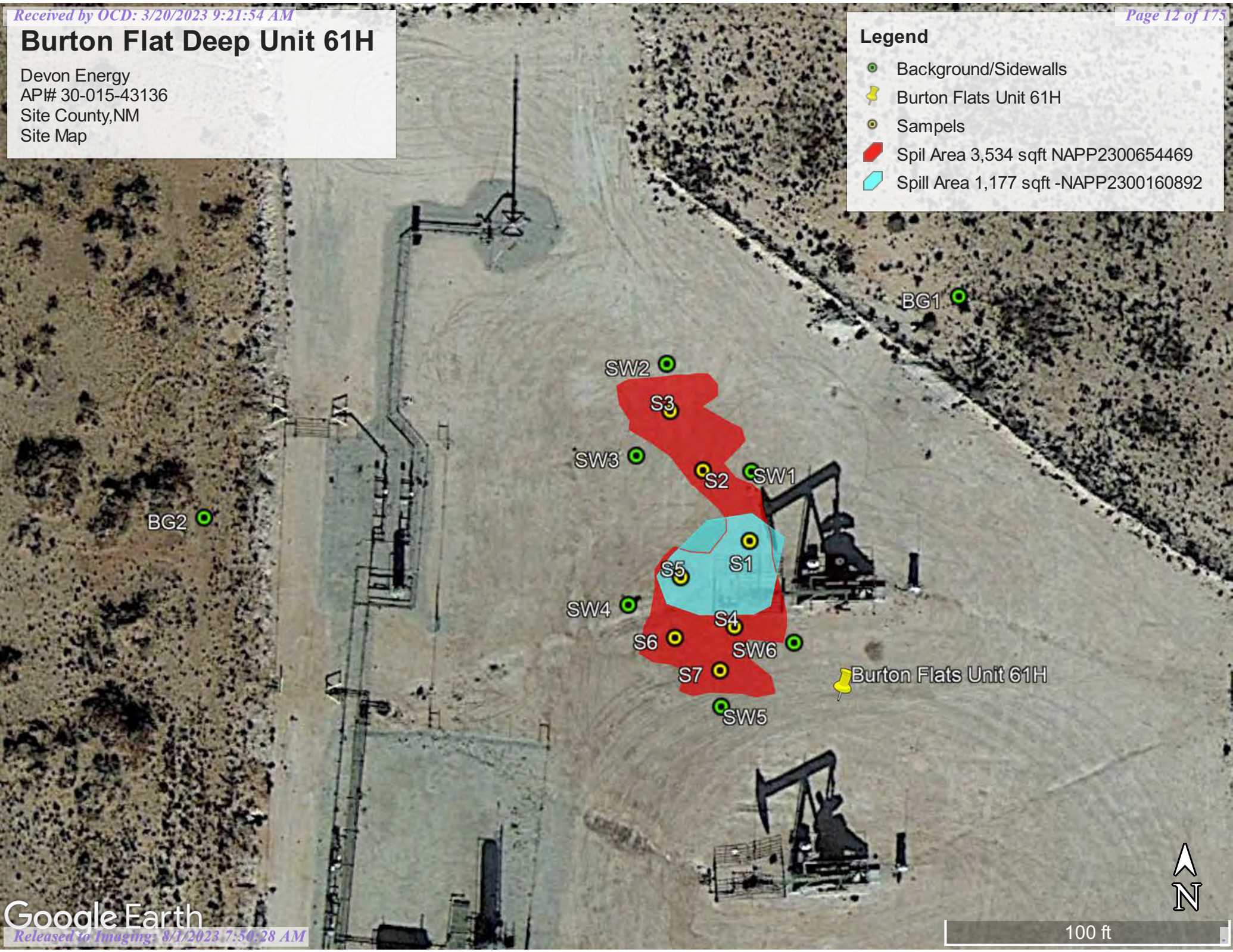


Burton Flat Deep Unit 61H

Devon Energy
AP# 30-015-43136
Site County, NM
Site Map

Legend




- Background/Sidewalls
- Burton Flats Unit 61H
- Sampels
- Spil Area 3,534 sqft NAPP2300654469
- Spill Area 1,177 sqft -NAPP2300160892

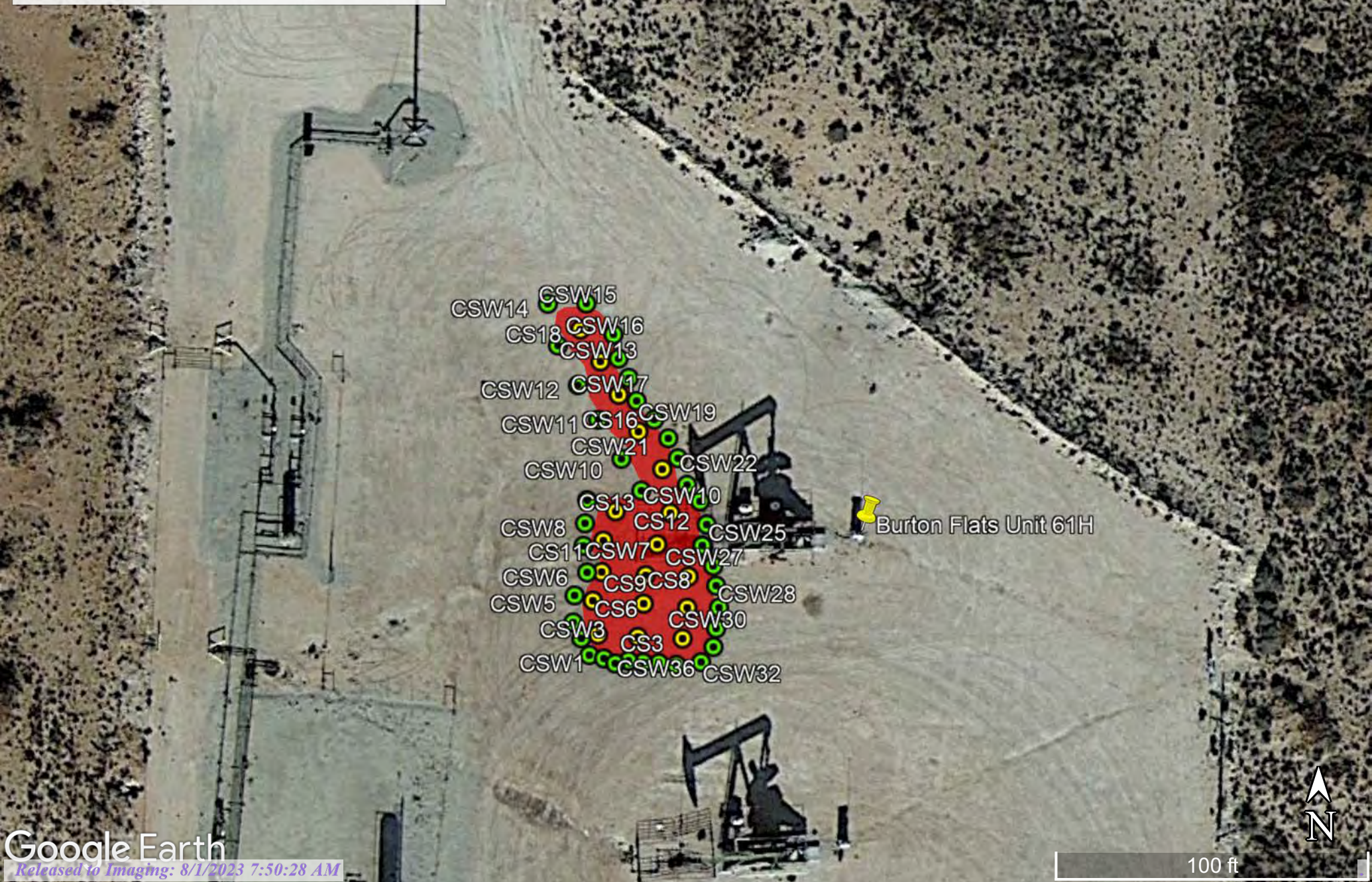


Burton Flat Deep Unit 61H

Devon Energy
API: 30-015-43136
Eddy County, NM
Confirmation Sample Map

Legend

-  Burton Flats Unit 61H
-  Confirmation Sidewalls
-  Confirmation Samples





Pima Environmental Services

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 Number	POD Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Q 02	Sec	Twps	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C_00469	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			
C_02992		C	ED	3	3	2	01	21S	27E	580594	3597311*	1585	250	186	64	
C_01142		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	
C_03350		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	
C_02907		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			
C_00465	C	CUB	ED	3	2	1	14	21S	27E	578576	3594475*	2584				
C_00473	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

UTMNAD83 Radius Search (in meters):

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:

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for the Nation

Important: [Next Generation Monitoring Location Page](#)

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

Eddy County, New Mexico

Hydrologic Unit Code 13060011

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

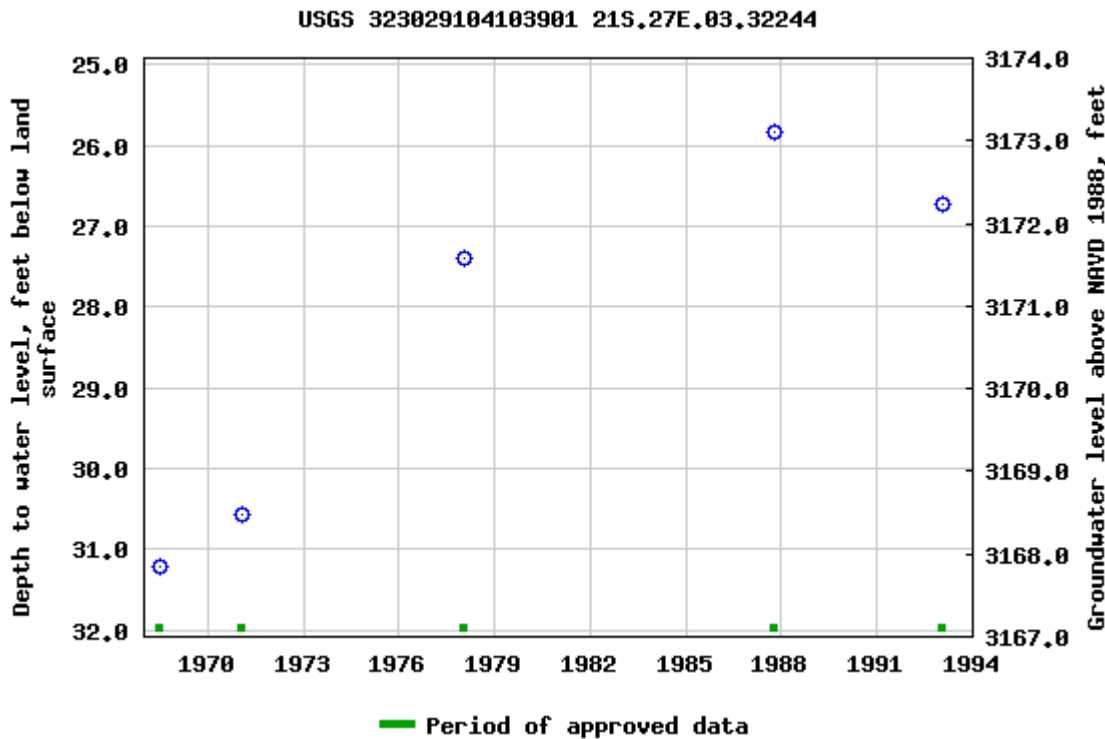
Land-surface elevation 3,199 feet above NAVD88

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

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

Output formats

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



Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

- [Questions about sites/data?](#)
- [Feedback on this web site](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)

[Subscribe for system changes](#)
[News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

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



Page Contact Information: [USGS Water Data Support Team](#)



Page Last Modified: 2023-01-25 10:47:49 EST

0.62 0.51 nadww02

Burton Flat Deep Unit #61H

Devon Energy
API: 30-015-43136
Eddy County, NM
Surface Water Map

Legend

-  4.98 Miles
-  Burton Flat Deep Unit #61H





Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Gypsum land-Reeves complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

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

Map Unit Description: Gypsum land-Reeves complex, 0 to 3 percent slopes, eroded--Eddy Area, New Mexico

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

National Flood Hazard Layer FIRMette



104°27'50"W 32°30'43"N



Legend

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

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
 - OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
 - OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
 - GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
 - OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
 - MAP PANELS**
 - Digital Data Available
 - 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.



Wetlands Map



March 8, 2023

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Freshwater Forested/Shrub Wetland
- Other
- Riverine
- Estuarine and Marine Wetland
- Freshwater Pond

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.



Pima Environmental Services

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

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

Incident ID	nAPP2300160892
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone 575-748-1838
Contact email dale.woodall@dvn.com	Incident # (assigned by OCD) nAPP2300160892
Contact mailing address 205 E. Bender Road # 150; Hobbs, NM 88240	

Location of Release Source

Latitude 32.5076509 Longitude -104.1585985
(NAD 83 in decimal degrees to 5 decimal places)

Site Name BURTON FLAT DEEP UNIT #61H	Site Type Oil
Date Release Discovered 1-1-2023	API# (if applicable) 30-015-43136

Unit Letter	Section	Township	Range	County
J	02	21S	27E	EDDY

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 6.9	Volume Recovered (bbls) 1
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Lease Operator arrived on location to check the well and observed fluid on the ground. The stainless for the tubing murphy had come apart. The leak was isolated, the stainless was repaired and a truck was called to pick up standing fluid.

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	nAPP2300160892
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? less than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Dale Woodall</u> Title: <u>Environmental Professional</u> Signature: <u>Dale Woodall</u> Date: <u>1-11-2023</u> email: <u>dale.woodall@dvn.com</u> Telephone: <u>575-748-1838</u>
<u>OCD Only</u> Received by: _____ Date: _____

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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Incident ID	NAPP2300160892
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Dale Woodall Title: Environmental Professional
 Signature: *Dale Woodall* Date: 3/20/2023
 email: dale.woodall@dvn.com Telephone: 575-748-1839

OCD Only

Received by: _____ Date: _____

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.

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- 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)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- 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: *Dale 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.



Pima Environmental Services

Appendix D

Photographic Documentation



**SITE PHOTOGRAPHS
DEVON ENERGY
BURTON FLAT DEEP UNIT 61H**

Site Assessment





Excavation







Post Excavation





Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



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

5796 U.S. Hwy 64
Farmington, NM 87401

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



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 regarding 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
ljjarboe@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
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
QC 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
Definitions and Notes	44
Chain of Custody etc.	45

Sample Summary

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Burton Flats 61 H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
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.



Sample Data

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

S1-1'

E301148-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/30/23	01/30/23	
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	01/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.8 %	70-130	01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		95.6 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	3480	20.0	1	01/30/23	01/30/23	



Sample Data

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

S1-3'

E301148-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		102 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	675	20.0	1	01/30/23	01/31/23	



Sample Data

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

S1-5'

E301148-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		104 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



Sample Data

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

S2-1'

E301148-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		96.7 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	630	20.0	1	01/30/23	01/31/23	



Sample Data

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

S2-3'

E301148-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.6 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		97.0 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	1150	100	5	01/30/23	01/31/23	



Sample Data

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

S2-5'

E301148-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



Sample Data

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

S3-1'

E301148-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		99.0 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	2310	100	5	01/30/23	01/31/23	



Sample Data

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

S3-3'

E301148-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		104 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	281	20.0	1	01/30/23	01/31/23	



Sample Data

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

S3-5'

E301148-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		102 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



Sample Data

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

S4-1'

E301148-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		96.0 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	28500	1000	50	01/30/23	01/31/23	



Sample Data

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

S4-3'

E301148-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	258	20.0	1	01/30/23	01/31/23	



Sample Data

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

S4-5'

E301148-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		108 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



Sample Data

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

S5-1'

E301148-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		96.9 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	642	20.0	1	01/30/23	01/31/23	



Sample Data

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

S5-3'

E301148-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.6 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		102 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	397	20.0	1	01/30/23	01/31/23	



Sample Data

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

S5-5'

E301148-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		105 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



Sample Data

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

S6-1'

E301148-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.8 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		103 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	434	20.0	1	01/30/23	01/31/23	



Sample Data

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

S6-3'

E301148-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.0 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		98.6 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	429	20.0	1	01/30/23	01/31/23	



Sample Data

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

S6-5'

E301148-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.5 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		108 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



Sample Data

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

S7-1'

E301148-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.3 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		106 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	343	20.0	1	01/30/23	01/31/23	



Sample Data

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

S7-3'

E301148-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.3 %	70-130	01/30/23	02/01/23	
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	02/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	01/30/23	02/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		104 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2305012
Chloride	178	20.0	1	01/30/23	01/31/23	



Sample Data

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

S7-5'

E301148-21

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		104 %	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	



Sample Data

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

SW1

E301148-22

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		93.3 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.4 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		93.3 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.4 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		101 %	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	



Sample Data

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

SW2

E301148-23

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		90.4 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		90.4 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		106 %	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	



Sample Data

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

SW3

E301148-24

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		92.3 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.8 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		92.3 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.8 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

SW4

E301148-25

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.3 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.3 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		104 %	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	
<i>Surrogate: n-Nonane</i>		109 %	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	



Sample Data

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

SW5

E301148-26

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		93.3 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		93.3 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		110 %	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	



Sample Data

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

BG1

E301148-27

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		93.2 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.7 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		93.2 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.7 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

BG2

E301148-28

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		92.4 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.0 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		92.4 %	70-130	01/30/23	01/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.0 %	70-130	01/30/23	01/30/23	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2305007
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

SW6

E301148-29

Analyte	Result	Reporting Limit	Dilution	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	01/31/23	
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	
<i>Surrogate: Bromofluorobenzene</i>		91.4 %	70-130	01/30/23	01/31/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	70-130	01/30/23	01/31/23	
<i>Surrogate: Toluene-d8</i>		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	01/30/23	01/31/23	
<i>Surrogate: Bromofluorobenzene</i>		91.4 %	70-130	01/30/23	01/31/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	70-130	01/30/23	01/31/23	
<i>Surrogate: Toluene-d8</i>		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	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
<i>Surrogate: n-Nonane</i>		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	01/30/23	01/31/23	



QC Summary Data

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

Volatile Organic Compounds by EPA 8260B

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 (2305010-BLK1)

Prepared: 01/30/23 Analyzed: 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: 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-BS1)

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

Benzene	2.61	0.0250	2.50		104		70-130		
Ethylbenzene	2.62	0.0250	2.50		105		70-130		
Toluene	2.68	0.0250	2.50		107		70-130		
o-Xylene	2.76	0.0250	2.50		110		70-130		
p,m-Xylene	5.28	0.0500	5.00		106		70-130		
Total Xylenes	8.04	0.0250	7.50		107		70-130		
Surrogate: Bromofluorobenzene	0.471		0.500		94.1		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8		70-130		
Surrogate: Toluene-d8	0.511		0.500		102		70-130		

Matrix Spike (2305010-MS1)

Source: E301148-21

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

Benzene	2.54	0.0250	2.50	ND	102		48-131		
Ethylbenzene	2.53	0.0250	2.50	ND	101		45-135		
Toluene	2.60	0.0250	2.50	ND	104		48-130		
o-Xylene	2.68	0.0250	2.50	ND	107		43-135		
p,m-Xylene	5.15	0.0500	5.00	ND	103		43-135		
Total Xylenes	7.83	0.0250	7.50	ND	104		43-135		
Surrogate: Bromofluorobenzene	0.473		0.500		94.5		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0		70-130		
Surrogate: Toluene-d8	0.510		0.500		102		70-130		

Matrix Spike Dup (2305010-MSD1)

Source: E301148-21

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

Benzene	2.53	0.0250	2.50	ND	101		48-131	0.533	23
Ethylbenzene	2.65	0.0250	2.50	ND	106		45-135	4.38	27
Toluene	2.70	0.0250	2.50	ND	108		48-130	3.87	24
o-Xylene	2.80	0.0250	2.50	ND	112		43-135	4.53	27
p,m-Xylene	5.35	0.0500	5.00	ND	107		43-135	3.75	27
Total Xylenes	8.15	0.0250	7.50	ND	109		43-135	4.01	27
Surrogate: Bromofluorobenzene	0.473		0.500		94.5		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5		70-130		
Surrogate: Toluene-d8	0.530		0.500		106		70-130		



QC Summary Data

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

Volatile Organics by EPA 8021B

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: 01/30/23 Analyzed: 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: 01/30/23 Analyzed: 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: 01/30/23 Analyzed: 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: 01/30/23 Analyzed: 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
Total Xylenes	13.3	0.0250	15.0	ND	88.7		63-131	9.09	20
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102		70-130		



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

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: 01/30/23 Analyzed: 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: 01/30/23 Analyzed: 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: E301148-01

Prepared: 01/30/23 Analyzed: 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: E301148-01

Prepared: 01/30/23 Analyzed: 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			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2305010-BLK1)

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

Gasoline Range Organics (C6-C10)	65.9	20.0	50.0	ND	132	70-130			M1
Surrogate: Bromofluorobenzene	0.454		0.500		90.8	70-130			
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: E301148-21

Prepared: 01/30/23 Analyzed: 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			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2305005-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.0		50.0		100	50-200			

LCS (2305005-BS1)

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

Diesel Range Organics (C10-C28)	234	25.0	250		93.8	38-132			
Surrogate: n-Nonane	49.8		50.0		99.7	50-200			

Matrix Spike (2305005-MS1)

Source: E301146-04

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

Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.7	38-132			
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			

Matrix Spike Dup (2305005-MSD1)

Source: E301146-04

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

Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.0	38-132	1.46	20	
Surrogate: n-Nonane	49.2		50.0		98.5	50-200			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2305006-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.7		50.0		103	50-200			

LCS (2305006-BS1)

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

Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	49.9		50.0		99.8	50-200			

Matrix Spike (2305006-MS1)

Source: E301148-01

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

Diesel Range Organics (C10-C28)	372	25.0	250	86.5	114	38-132			
Surrogate: n-Nonane	49.7		50.0		99.4	50-200			

Matrix Spike Dup (2305006-MSD1)

Source: E301148-01

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

Diesel Range Organics (C10-C28)	354	25.0	250	86.5	107	38-132	5.11	20	
Surrogate: n-Nonane	47.8		50.0		95.6	50-200			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2305007-BLK1)

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



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2305011-BLK1)

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

Chloride ND 20.0

LCS (2305011-BS1)

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

Chloride 260 20.0 250 104 90-110

Matrix Spike (2305011-MS1)

Source: E301146-01

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

Chloride 889 200 250 693 78.6 80-120 M2

Matrix Spike Dup (2305011-MSD1)

Source: E301146-01

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

Chloride 912 200 250 693 87.5 80-120 2.48 20



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2305012-BLK1)

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

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

LCS (2305012-BS1)

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

Chloride	256	20.0	250		102	90-110			
----------	-----	------	-----	--	-----	--------	--	--	--

Matrix Spike (2305012-MS1)

Source: E301148-01

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

Chloride	3710	20.0	250	3480	92.1	80-120			
----------	------	------	-----	------	------	--------	--	--	--

Matrix Spike Dup (2305012-MSD1)

Source: E301148-01

Prepared: 01/30/23 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

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	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.



Client: Pima Environmental Services Project: <u>Burton Flats 01H</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:	Bill To		Lab Use Only		TAT				EPA Program					
	Attention: _____		Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA				
	Address: _____		<u>E301148</u>	<u>0105860007</u>				<input checked="" type="checkbox"/>						
	City, State, Zip _____		Analysis and Method								RCRA			
Phone: _____		Pima Project # <u>1-231</u>		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	State				
Email: _____										NM	CO	UT	AZ	TX
Report due by: _____										<input checked="" type="checkbox"/>				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:00	1/25/23	S	1	S1-1'	1							<input checked="" type="checkbox"/>		
10:05				S1-3'	2									
10:10				S1-5'	3									
10:15				S2-1'	4									
10:20				S2-3'	5									
10:25				S2-5'	6									
10:30				S3-1'	7									
10:35				S3-3'	8									
10:40				S3-5'	9									
10:45				S4-1'	10									

Additional Instructions: Bill to Devon: 21112941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

Relinquished by: (Signature) <u>AB</u>	Date <u>1-27-23</u>	Time <u>9:00</u>	Received by: (Signature) <u>Michelle Cuyd</u>	Date <u>1-27-23</u>	Time <u>11:45</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u>
Relinquished by: (Signature) <u>Michelle Cuyd</u>	Date <u>1-27-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Jrene Zizzi</u>	Date <u>01/28/23</u>	Time <u>7:30</u>	
Relinquished by: (Signature) _____	Date _____	Time _____	Received by: (Signature) _____	Date _____	Time _____	

Sample Matrix: S - Soil, sd - Solid, Sg - Sludge, A - Aqueous, O - Other
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



Client: Pima Environmental Services Project: <u>Burton Flats Col H</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: 580-748-1613 Email: <u>tom@pimaoil.com</u> Report due by:	Bill To		Lab Use Only		TAT				EPA Program					
	Attention: _____		Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA				
	Address: _____		<u>E301148</u>	<u>010580007</u>				<u>X</u>						
	City, State, Zip _____		Analysis and Method							RCRA				
Phone: _____		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State				
Email: _____										NM	CO	UT	AZ	TX
Pima Project # <u>1-231</u>										<u>X</u>				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:50	1/25/23	S	1	S4-3'	11							X		
10:55				S4-5'	12									
11:00				S5-1'	13									
11:05				S5-3'	14									
11:10				S5-5'	15									
11:15				S6-1'	16									
11:20				S6-3'	17									
11:25				S6-5'	18									
11:30				S7-1'	19									
11:35				S7-3'	20									

Additional Instructions: Bill to Devon: 21112941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>AB</u>	Date <u>1-27-23</u>	Time <u>9:00</u>	Received by: (Signature) <u>Michelle Cuyler</u>	Date <u>1-27-23</u>	Time <u>11:45</u>	Lab Use Only Received on ice: <u>(Y)</u> N
Relinquished by: (Signature) <u>Michelle Cuyler</u>	Date <u>1-27-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Devin Zozzov</u>	Date <u>1-28-23</u>	Time <u>7:30</u>	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature) _____	Date _____	Time _____	Received by: (Signature) _____	Date _____	Time _____	AVG Temp °C <u>40</u>

Sample Matrix S - Soil, sd - Solid, Sg - Sludge, A - Aqueous, O - Other
 Container Type g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



Client: Pima Environmental Services Project: <u>Burton Flats 1el H</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:	Bill To		Lab Use Only				TAT				EPA Program					
	Attention: _____		Lab WO#	Job Number			1D	2D	3D	Standard	CWA	SDWA				
	Address: _____		<u>E301148</u>	<u>01058-000F</u>						<u>X</u>						
	City, State, Zip _____		Analysis and Method										RCRA			
Phone: _____												State				
Email: _____												NM	CO	UT	AZ	TX
Pima Project # <u>1-231</u>												<u>X</u>				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:40	1/25/23	S	1	ST-5'	21							<u>X</u>		
11:45				SW1	22									
11:50				SW2	23									
11:55				SW3	24									
12:00				SW4	25									
12:05				SW5	26									
12:10				BG1	27									
12:15				BG2	28									
12:20				SW6	29									

Additional Instructions: Bill to Devon: 21112941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>AB</u>	Date: <u>1-27-23</u>	Time: <u>9:00</u>	Received by: (Signature) <u>Michelle Rugh</u>	Date: <u>1-27-23</u>	Time: <u>11:45</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N
Relinquished by: (Signature) <u>Michelle Rugh</u>	Date: <u>1-27-23</u>	Time: <u>2:00</u>	Received by: (Signature) <u>Jane B...</u>	Date: <u>01-27-23</u>	Time: <u>7:30</u>	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature) _____	Date: _____	Time: _____	Received by: (Signature) _____	Date: _____	Time: _____	AVG Temp °C <u>4.0</u>

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



Envirotech Analytical Laboratory

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

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: 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)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C? Yes

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? No
15. Are VOC 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 non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? Yes

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 filtration 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
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Empty box for Client Instruction

Comments/Resolution

Large empty box for Comments/Resolution

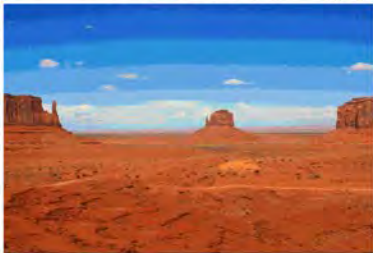
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Tom Bynum



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

5796 U.S. Hwy 64
Farmington, NM 87401

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



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 regarding 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
ljjarboe@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
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 PO Box 247 Plains TX, 79355-0247	Project Name: Burton Flat Deep Unit 61H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 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.

Sample Data

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

**CS1
E303016-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>						
	87.1 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS2

E303016-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		84.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS3

E303016-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.0 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		97.5 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS4

E303016-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		76.6 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS5

E303016-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		97.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS6

E303016-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS7

E303016-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		93.0 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS8

E303016-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		102 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS9

E303016-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		99.5 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS10

E303016-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		100 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS11

E303016-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		100 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS12

E303016-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		97.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS13

E303016-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS14

E303016-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		105 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS15

E303016-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS16

E303016-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		107 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS17

E303016-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CS18

E303016-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		99.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	

Sample Data

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

**CSW1
E303016-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	

Sample Data

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

CSW2

E303016-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310012
Chloride	ND	20.0	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

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program							
Project: <u>Burton Flat Deep Unit Cell H</u>		Attention: <u>Devon</u>		Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA				
Project Manager: <u>Tom Bynum</u>		Address:		<u>E 303016</u>	<u>01058-0007</u>	<input checked="" type="checkbox"/>									
Address: <u>5614 N. Lovington Hwy.</u>		City, State, Zip		Analysis and Method											
City, State, Zip: <u>Hobbs, NM, 88240</u>		Phone:		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 800.0	BGDOC NM	BGDOC TX	RCRA			
Phone: <u>580-748-1613</u>		Email:		State											
Email: <u>tom@pimaoil.com</u>		Pima Project #/ - <u>231</u>		NM								CO	UT	AZ	TX
Report due by:		Remarks													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 800.0	BGDOC NM	BGDOC TX	Remarks
8:00	3/3/23	S	1	CS1	1							<input checked="" type="checkbox"/>		
8:05				CS2	2									
8:10				CS3	3									
8:15				CS4	4									
8:20				CS5	5									
8:25				CS6	6									
8:30				CS7	7									
8:35				CS8	8									
8:40				CS9	9									
8:45				CS10	10									

Additional Instructions: Billing #: 21112941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Audriana Benandez

Relinquished by: (Signature) AB Date 3-6-23 Time 2:00 Received by: (Signature) Michelle Cuyts Date 3-6-23 Time 1400

Relinquished by: (Signature) Michelle Cuyts Date 3-6-23 Time 1715 Received by: (Signature) Maxwell Date 3-6-23 Time 1715

Relinquished by: (Signature) Maxwell Date 3-6-23 Time 2300 Received by: (Signature) Devon Date 3/7/23 Time 7:00

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

Container Type: (g - glass) p - poly/plastic, ag - amber glass, v - VOA

Received on ice: / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4.0

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



Client: Pima Environmental Services
 Project: Burton Flat Deep Unit W/H
 Project Manager: Tom Bynum
 Address: 5614 N. Lovington Hwy.
 City, State, Zip: Hobbs, NM, 88240
 Phone: 580-748-1613
 Email: tom@pimaoil.com
 Report due by:

Bill To
 Attention: Devon
 Address:
 City, State, Zip
 Phone:
 Email:
 Pima Project # 1-231

Lab Use Only		TAT			EPA Program		
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>F 303016</u>	<u>01058-0007</u>	<u>X</u>					
Analysis and Method							RCRA

State				
NM	CO	UT	AZ	TX
<u>X</u>				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
8:50	3/3/23	S	1	CS11	11
8:55				CS12	12
9:00				CS13	13
9:05				CS14	14
9:10				CS15	15
9:15				CS16	16
9:20				CS17	17
9:25				CS18	18
9:30				CSW1	19
9:35				CSW2	20

DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 800.0	BGDOC NM	BGDOC TX
						<u>X</u>	

Additional Instructions:

Billing #: 21112941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

Relinquished by: (Signature) <u>AB</u>	Date <u>3-6-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Cuyler</u>	Date <u>3-6-23</u>	Time <u>1400</u>
Relinquished by: (Signature) <u>Michelle Cuyler</u>	Date <u>3-6-23</u>	Time <u>1715</u>	Received by: (Signature) <u>Lorenzo Lei</u>	Date <u>3-6-23</u>	Time <u>1715</u>
Relinquished by: (Signature) <u>Lorenzo Lei</u>	Date <u>3-6-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Jane Z...</u>	Date <u>3/7/23</u>	Time <u>7:00</u>

Lab Use Only	Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N	
T1	T2	T3
AVG Temp °C	<u>4.0</u>	

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



Envirotech Analytical Laboratory

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

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: E303016
Phone: (575) 631-6977	Date Logged In: 03/06/23 14:50	Logged In By: Alexa Michaels
Email: tom@pimaoil.com	Due Date: 03/07/23 17:00 (0 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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? No
- 15. Are VOC 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 non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 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 filtration 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
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Comments/Resolution

Due to high sample volume for project (Burton Flat Deep Unit 61H) this has been separated into 3 workorders. Workorders are as follows: E303016; E303017; and E303018.

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

Date



envirotech Inc.

Report to:
Tom Bynum



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

5796 U.S. Hwy 64
Farmington, NM 87401

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



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 regarding 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
ljjarboe@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
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 PO Box 247 Plains TX, 79355-0247	Project Name: Burton Flat Deep Unit 61H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 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.

Sample Data

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

CSW3

E303017-01

Analyte	Result	Reporting Limit	Dilution	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

<i>Surrogate: Bromofluorobenzene</i>	92.0 %	70-130		03/06/23	03/07/23
<i>Surrogate: 1,2-Dichloroethane-d4</i>	94.0 %	70-130		03/06/23	03/07/23
<i>Surrogate: Toluene-d8</i>	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
<i>Surrogate: Bromofluorobenzene</i>	92.0 %	70-130		03/06/23	03/07/23
<i>Surrogate: 1,2-Dichloroethane-d4</i>	94.0 %	70-130		03/06/23	03/07/23
<i>Surrogate: Toluene-d8</i>	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
<i>Surrogate: n-Nonane</i>	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	03/07/23	03/07/23



Sample Data

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

CSW4

E303017-02

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		93.1 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.3 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		93.1 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.3 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		75.1 %	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	



Sample Data

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

**CSW5
E303017-03**

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		93.5 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		107 %	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	
<i>Surrogate: Bromofluorobenzene</i>		93.5 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	03/07/23	03/07/23	
<i>Surrogate: n-Nonane</i>		81.8 %	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	



Sample Data

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

CSW6

E303017-04

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		92.3 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		92.3 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		79.0 %	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	



Sample Data

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

CSW7

E303017-05

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		93.9 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		93.9 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

CSW8

E303017-06

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		93.0 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		93.0 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

CSW9

E303017-07

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		93.8 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		93.8 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		98.9 %	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	03/07/23	03/07/23	



Sample Data

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

**CSW10
E303017-08**

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		98.6 %	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	



Sample Data

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

CSW11
E303017-09

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		92.8 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		92.8 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		98.0 %	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	



Sample Data

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

CSW12

E303017-10

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		92.4 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		92.4 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		97.6 %	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	



Sample Data

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

CSW13

E303017-11

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		118 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		118 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

CSW14

E303017-12

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		97.9 %	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	03/07/23	03/07/23	



Sample Data

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

CSW15
E303017-13

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	03/06/23	03/07/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		100 %	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	
<i>Surrogate: n-Nonane</i>		97.5 %	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	



Sample Data

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

CSW16

E303017-14

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		122 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		122 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

CSW17

E303017-15

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		99.7 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		99.7 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		94.8 %	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	



Sample Data

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

CSW18

E303017-16

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		121 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		121 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		100 %	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	



Sample Data

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

CSW19

E303017-17

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		117 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		117 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

CSW20

E303017-18

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

**CSW21
E303017-19**

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		91.7 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		91.7 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	

Sample Data

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

CSW22

E303017-20

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		94.1 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		94.1 %	70-130	03/06/23	03/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	03/06/23	03/07/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		99.6 %	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	



QC Summary Data

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

Volatile Organic Compounds by EPA 8260B

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 (2310010-BLK1)

Prepared: 03/06/23 Analyzed: 03/07/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.461		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-BS1)

Prepared: 03/06/23 Analyzed: 03/07/23

Benzene	2.12	0.0250	2.50		84.9	70-130			
Ethylbenzene	2.28	0.0250	2.50		91.0	70-130			
Toluene	2.24	0.0250	2.50		89.6	70-130			
o-Xylene	2.34	0.0250	2.50		93.7	70-130			
p,m-Xylene	4.64	0.0500	5.00		92.8	70-130			
Total Xylenes	6.98	0.0250	7.50		93.1	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

Matrix Spike (2310010-MS1)

Source: E303017-01

Prepared: 03/06/23 Analyzed: 03/07/23

Benzene	2.20	0.0250	2.50	ND	88.2	48-131			
Ethylbenzene	2.37	0.0250	2.50	ND	94.7	45-135			
Toluene	2.33	0.0250	2.50	ND	93.4	48-130			
o-Xylene	2.43	0.0250	2.50	ND	97.0	43-135			
p,m-Xylene	4.81	0.0500	5.00	ND	96.2	43-135			
Total Xylenes	7.23	0.0250	7.50	ND	96.4	43-135			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike Dup (2310010-MSD1)

Source: E303017-01

Prepared: 03/06/23 Analyzed: 03/07/23

Benzene	2.14	0.0250	2.50	ND	85.5	48-131	3.06	23	
Ethylbenzene	2.30	0.0250	2.50	ND	92.0	45-135	2.96	27	
Toluene	2.28	0.0250	2.50	ND	91.2	48-130	2.32	24	
o-Xylene	2.36	0.0250	2.50	ND	94.4	43-135	2.72	27	
p,m-Xylene	4.66	0.0500	5.00	ND	93.3	43-135	3.03	27	
Total Xylenes	7.03	0.0250	7.50	ND	93.7	43-135	2.92	27	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2310010-BLK1)

Prepared: 03/06/23 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: 03/06/23 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: 03/06/23 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: 03/06/23 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			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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

Blank (2310018-BLK1)

Prepared: 03/07/23 Analyzed: 03/07/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.5		50.0		82.9	50-200			

LCS (2310018-BS1)

Prepared: 03/07/23 Analyzed: 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: E303017-01

Prepared: 03/07/23 Analyzed: 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: E303017-01

Prepared: 03/07/23 Analyzed: 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-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Burton Flat Deep Unit 61H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 3/8/2023 1:28:03PM
---	---	--

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2310013-BLK1)

Prepared: 03/07/23 Analyzed: 03/07/23

Chloride ND 20.0

LCS (2310013-BS1)

Prepared: 03/07/23 Analyzed: 03/07/23

Chloride 252 20.0 250 101 90-110

Matrix Spike (2310013-MS1)

Source: E303017-10

Prepared: 03/07/23 Analyzed: 03/07/23

Chloride 253 20.0 250 ND 101 80-120

Matrix Spike Dup (2310013-MSD1)

Source: E303017-10

Prepared: 03/07/23 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.



Client: Pima Environmental Services
 Project: Burton Flat Deep unit lot H
 Project Manager: Tom Bynum
 Address: 5614 N. Lovington Hwy.
 City, State, Zip: Hobbs, NM, 88240
 Phone: 580-748-1613
 Email: tom@pimaoil.com
 Report due by:

Bill To
 Attention: Devon
 Address:
 City, State, Zip
 Phone:
 Email:
 Pima Project # 1-231

Lab Use Only		TAT				EPA Program	
Lab WO# <u>E 303017</u>	Job Number <u>01057-0007</u>	1D	2D	3D	Standard	CWA	SDWA
Analysis and Method						RCRA	
						State	
						NM	CO
						UT	AZ
						TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 500.0	BGDOC NM	BGDOC TX	Remarks
9:40	3/3/23	S	1	CSW 3	1							X		
9:45				CSW 4	2									
9:50				CSW 5	3									
9:55				CSW 6	4									
10:00				CSW 7	5									
10:05				CSW 8	6									
10:10				CSW 9	7									
10:15				CSW 10	8									
10:20				CSW 11	9									
10:25				CSW 12	10									

Additional Instructions:

Billings #: 211/2941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature) AB Date 3-6-23 Time 2:00 Received by: (Signature) Micelle Camp Date 3-6-23 Time 1400

Relinquished by: (Signature) Micelle Camp Date 3-6-23 Time 175 Received by: (Signature) Lorenzo Pen Date 3-6-23 Time 2300

Relinquished by: (Signature) Lorenzo Pen Date 3-6-23 Time 2300 Received by: (Signature) Jenny Zepke Date 3/7/23 Time 7:00

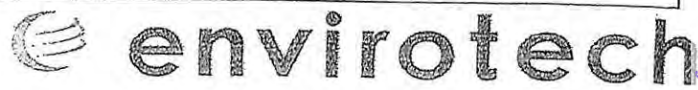
Sample Matrix: S - Soil, sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Received on ice: Y / N

AVG Temp °C 4.0

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



Client: Pima Environmental Services
 Project: Burton Flat Deep Unit W/H
 Project Manager: Tom Bynum
 Address: 5614 N. Lovington Hwy.
 City, State, Zip: Hobbs, NM, 88240
 Phone: 580-748-1613
 Email: tom@pimaoil.com
 Report due by:

Bill To
 Attention: Duron
 Address:
 City, State, Zip
 Phone:
 Email:
 Pima Project # 1-231

Lab Use Only		TAT				EPA Program	
Lab WO# <u>303017</u>	Job Number <u>0058-0057</u>	1D	2D	3D	Standard	CWA	SDWA
		X					
Analysis and Method							RCRA

State				
NM	CO	UT	AZ	TX
X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:30	3/3/23	S	1	CSW 13	11							X		
10:35				CSW 14	12									
10:40				CSW 15	13									
10:45				CSW 16	14									
10:50				CSW 17	15									
10:55				CSW 18	16									
11:00				CSW 19	17									
11:05				CSW 20	18									
11:10				CSW 21	19									
11:15				CSW 22	20									

Additional Instructions:

Billing #: 21112941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
 Sampled by: Adriana Benavides

Relinquished by: (Signature) <u>AB</u>	Date <u>3-6-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Cuyz</u>	Date <u>3-6-23</u>	Time <u>1400</u>
Relinquished by: (Signature) <u>Michelle Cuyz</u>	Date <u>3-6-23</u>	Time <u>1715</u>	Received by: (Signature) <u>Rodolfo Pen</u>	Date <u>3-6-23</u>	Time <u>1715</u>
Relinquished by: (Signature) <u>Rodolfo Pen</u>	Date <u>3-6-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Jane Ziff</u>	Date <u>3/7/23</u>	Time <u>7:00</u>

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Received on ice: <u>Y</u> / N	Lab Use Only	
T1	T2	T3
AVG Temp °C <u>40</u>		

Sample Matrix: S - Soil, S - Solid, Sg - Sludge, A - Aqueous, O - Other
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



Envirotech Analytical Laboratory

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

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)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Comments/Resolution

Due to high sample volume for project (Burton Flat Deep Unit 61H) this has been separated into 3 workorders. Workorders are as follows: E303016; E303017; and E303018.

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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? No
- 15. Are VOC 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 non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 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 filtration 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
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



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

5796 U.S. Hwy 64
Farmington, NM 87401

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



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 regarding 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
ljjarboe@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 PO Box 247 Plains TX, 79355-0247	Project Name: Burton Flat Deep Unit 61H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 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.

Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Burton Flat Deep Unit 61H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 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		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		85.8 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		78.6 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW24

E303018-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		76.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW25

E303018-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		80.2 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW26

E303018-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.3 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		99.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW27

E303018-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.4 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		104 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW28

E303018-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW29

E303018-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.6 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW30

E303018-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		97.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW31

E303018-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		99.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW32

E303018-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		103 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW33

E303018-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		100 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW34

E303018-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		99.7 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW35

E303018-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.8 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		84.6 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Sample Data

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

CSW36

E303018-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		81.5 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



QC Summary Data

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

Volatile Organics by EPA 8021B

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: 03/06/23 Analyzed: 03/07/23

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	7.89		8.00		98.6	70-130			

LCS (2310011-BS1)

Prepared: 03/06/23 Analyzed: 03/08/23

Benzene	4.57	0.0250	5.00		91.4	70-130			
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130			
Toluene	4.74	0.0250	5.00		94.9	70-130			
o-Xylene	4.73	0.0250	5.00		94.7	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	14.1	0.0250	15.0		93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.2	70-130			

Matrix Spike (2310011-MS1)

Source: E303018-01

Prepared: 03/06/23 Analyzed: 03/08/23

Benzene	4.74	0.0250	5.00	ND	94.8	54-133			
Ethylbenzene	4.77	0.0250	5.00	ND	95.3	61-133			
Toluene	4.91	0.0250	5.00	ND	98.2	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.2	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	8.00		8.00		100	70-130			

Matrix Spike Dup (2310011-MSD1)

Source: E303018-01

Prepared: 03/06/23 Analyzed: 03/08/23

Benzene	4.85	0.0250	5.00	ND	96.9	54-133	2.24	20	
Ethylbenzene	4.86	0.0250	5.00	ND	97.3	61-133	2.05	20	
Toluene	5.01	0.0250	5.00	ND	100	61-130	2.08	20	
o-Xylene	5.01	0.0250	5.00	ND	100	63-131	1.92	20	
p,m-Xylene	9.86	0.0500	10.0	ND	98.6	63-131	2.09	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.1	63-131	2.03	20	
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.7	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2310011-BLK1)

Prepared: 03/06/23 Analyzed: 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: 03/06/23 Analyzed: 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: E303018-01

Prepared: 03/06/23 Analyzed: 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: E303018-01

Prepared: 03/06/23 Analyzed: 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 PO Box 247 Plains TX, 79355-0247	Project Name: Burton Flat Deep Unit 61H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 3/8/2023 1:29:57PM
---	---	--

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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

Blank (2310021-BLK1)

Prepared: 03/07/23 Analyzed: 03/08/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.3		50.0		101	50-200			

LCS (2310021-BS1)

Prepared: 03/07/23 Analyzed: 03/08/23

Diesel Range Organics (C10-C28)	227	25.0	250		91.0	38-132			
Surrogate: n-Nonane	49.4		50.0		98.8	50-200			

Matrix Spike (2310021-MS1)

Source: E303018-05

Prepared: 03/07/23 Analyzed: 03/08/23

Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.9	38-132			
Surrogate: n-Nonane	50.4		50.0		101	50-200			

Matrix Spike Dup (2310021-MSD1)

Source: E303018-05

Prepared: 03/07/23 Analyzed: 03/08/23

Diesel Range Organics (C10-C28)	230	25.0	250	ND	91.9	38-132	3.21	20	
Surrogate: n-Nonane	46.9		50.0		93.7	50-200			



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2310014-BLK1)

Prepared: 03/07/23 Analyzed: 03/07/23

Chloride ND 20.0

LCS (2310014-BS1)

Prepared: 03/07/23 Analyzed: 03/07/23

Chloride 251 20.0 250 100 90-110

Matrix Spike (2310014-MS1)

Source: E303018-03

Prepared: 03/07/23 Analyzed: 03/07/23

Chloride 254 20.0 250 ND 101 80-120

Matrix Spike Dup (2310014-MSD1)

Source: E303018-03

Prepared: 03/07/23 Analyzed: 03/07/23

Chloride 254 20.0 250 ND 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.



Client: Pima Environmental Services
 Project: Burton Flat Deep Unit with
 Project Manager: Tom Bynum
 Address: 5614 N. Lovington Hwy.
 City, State, Zip: Hobbs, NM, 88240
 Phone: 580-748-1613
 Email: tom@pimaoil.com
 Report due by:

Bill To
 Attention: Devon
 Address:
 City, State, Zip
 Phone:
 Email:
 Pima Project # 1-231

Lab Use Only
 Lab WO# 303018 Job Number 01058-0007
 TAT: 1D 2D 3D Standard
 EPA Program: CWA SDWA RCRA

Analysis and Method
 DRO/ORO by 8015
 GRO/DRO by 8015
 BTEX by 8021
 VOC by 8260
 Metals 6010
 Chloride 3000
 BGDQC NM
 BGDQC TX
 State: NM CO UT AZ TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 3000	BGDQC NM	BGDQC TX	Remarks
11:20	3/3/23	S	1	CSW 23	1							X		
11:25				CSW 24	2									
11:30				CSW 25	3									
11:35				CSW 26	4									
11:40				CSW 27	5									
11:45				CSW 28	6									
11:50				CSW 29	7									
11:55				CSW 30	8									
12:00				CSW 31	9									
12:05				CSW 32	10									

Additional Instructions: Billing #: 2112941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature) AB Date 3-6-23 Time 2:00 Received by: (Signature) Michelle Cuyk Date 3-6-23 Time 1400
 Relinquished by: (Signature) Michelle Cuyk Date 3-6-23 Time 1715 Received by: (Signature) Lorena Fin Date 3-6-23 Time 1715
 Relinquished by: (Signature) Lorena Fin Date 3-6-23 Time 2300 Received by: (Signature) Jenny 3022 Date 3/7/23 Time 7:00

Sample Matrix: S - Sol, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
 Lab Use Only: Received on ice: Y / N
 T1: T2: T3: AVG Temp °C 4.0

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



Released to Imaging: 8/1/2023 7:50:28 AM

Received by OCD: 3/20/2023 9:21:54 AM

Client: Pima Environmental Services
 Project: Burton Flat Deep Unit WH
 Project Manager: Tom Bynum
 Address: 5614 N. Lovington Hwy.
 City, State, Zip: Hobbs, NM, 88240
 Phone: 580-748-1613
 Email: tom@pimaoil.com
 Report due by:

Bill To
 Attention: Denon
 Address:
 City, State, Zip
 Phone:
 Email:
 Pima Project # 1-231

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E 303018</u>	<u>01058-0007</u>	<input checked="" type="checkbox"/>					
Analysis and Method							
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 800.0	BGDOC NM	BGDOC TX
						<input checked="" type="checkbox"/>	
State							
NM	CO	UT	AZ	TX			
<input checked="" type="checkbox"/>							
Remarks							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
<u>12:10</u>	<u>3/3/23</u>	<u>S</u>	<u>1</u>	<u>CSW 33</u>	<u>11</u>
<u>12:15</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>CSW 34</u>	<u>12</u>
<u>12:20</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>CSW 35</u>	<u>13</u>
<u>12:25</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>CSW 36</u>	<u>14</u>

Additional Instructions: Billing #: 20112941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>[Signature]</u>	<u>3-6-23</u>	<u>2:00</u>	<u>Michelle Cuyt</u>	<u>3-6-23</u>	<u>1:40</u>
<u>Michelle Cuyt</u>	<u>3-6-23</u>	<u>1:15</u>	<u>Lozano</u>	<u>3-6-23</u>	<u>1:15</u>
<u>Lozano</u>	<u>3-6-23</u>	<u>2:30</u>	<u>Juan Lopez</u>	<u>3/7/23</u>	<u>7:00</u>

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

Received on ice: N

T1: T2: T3:

AVG Temp °C 4.0

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



Page 173 of 175

Envirotech Analytical Laboratory

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

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:	E303018
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)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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? No
- 15. Are VOC 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 non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 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 filtration 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
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Comments/Resolution

Due to high sample volume for project (Burton Flat Deep Unit 61H) this has been separated into 3 workorders. Workorders are as follows: E303016; E303017; and E303018.

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

Date



envirotech Inc.

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

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

CONDITIONS

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