Page 6

Oil Conservation Division

	Page 1 of 1 7
Incident ID	NAPP2300654469
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. X A scaled site and sampling diagram as described in 19.15.29.11 NMAC x Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) x Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) **x** Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Dale Woodall Title: Environmental Professional Signature: Dale Woodall Date: 3/20/2023 dale.woodall@dvn.com Telephone: 575-748-1839 email: **OCD Only** Received by: Robert Hamlet Date: 7/31/2023 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: <u>Robert Hamlet</u> Date: <u>7/31/2023</u> Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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Received by OCD: 3/20/2023 8:32:50 AM Form C-141 State of New Mexico

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Oil Conservation Division

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Incident ID	NAPP2300654469
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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>_<50</u> (ft bgs)
Did this release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🖈 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🕅 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🗶 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🗴 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes д No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🗴 No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🔊 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes д No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🗴 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🕅 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- x Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- x Field data
- x Data table of soil contaminant concentration data
- \mathbf{x} Depth to water determination
- \mathbf{x} Determination of water sources and significant watercourses within $\frac{1}{2}$ -mile of the lateral extents of the release
- **x** Boring or excavation logs
- x Photographs including date and GIS information
- x Topographic/Aerial maps
- X Laboratory data including chain of custody

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

Received by OCD: 3/20/2	2023 8:32:50 AM State of New Mexico			Page 3 of 1				
				Incident ID	NAPP2300654469			
Page 4	Oil Conservation Division	1		District RP				
				Facility ID				
				Application ID				
regulations all operators a public health or the enviro failed to adequately inves addition, OCD acceptance and/or regulations. Printed Name: <u>Dale</u> Signature: <u>Dale</u> U email: <u>dale.woodall</u>	Joodall	otifications and e OCD does no hreat to ground of responsibili 	d perform co ot relieve the water, surfa ty for comp	orrective actions for rele e operator of liability sh- ice water, human health liance with any other fea ntal Professional	ases which may endanger ould their operations have or the environment. In			
OCD Only Received by: Joc	elyn Harimon	_ Da	ate:0	3/20/2023				

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Oil Conservation Division

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Application ID	

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Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. X A scaled site and sampling diagram as described in 19.15.29.11 NMAC x Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) x Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) x Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Dale Woodall Title: Environmental Professional Signature: Dale Woodall_____ Date: 3/20/2023 email: dale.woodall@dvn.com Telephone: <u>575-748-1839</u> **OCD Only** Date: 03/20/2023 Received by: Jocelyn Harimon 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:

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March 10, 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, 2, T21S, R27E Eddy County, NM NMOCD Ref. No. NAPP2300654469

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 1, 2023 (Appendix C). This incident was assigned Incident ID NAPP2300654469 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		Cons	tituent & Limits				
(Appendix A)	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene		
<50' (High Karst)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg		
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg		
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg		

Reference Figure 2 for a Topographic Map.

Release Information

NAPP2300654469: On January 1, 2023, a stainless tubing for the Murphy had come apart causing fluid onto the pad. The released fluids were calculated to be approximately 6.9 barrels (bbls) of produced water. 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.

			-25-23 So						
NIV	10CD Table						water is <50')	
		DEVON	NERGY - B	URTON FL	AT DEEP U	NIT 61H			
Sample Date 1/25/2023	Sample Date: NM Approved Laboratory Results 1/25/2023								
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	Total TPH mg/kg	Cl mg/kg				
	1'	ND	ND	ND	86.5	ND	86.5	3480	
S-1	3'	ND	ND	ND	300	144	444	675	
	5'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	630	
S-2	3'	ND	ND	ND	198	125	323	1150	
	5'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	171	76.1	247.1	2310	
S-3	3'	ND	ND	ND	ND	ND	0	281	
	5'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	84	ND	84	28500	
S-4	3'	ND	ND	ND	52.8	ND	52.8	258	
	5'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	642	
S-5	3'	ND	ND	ND	ND	ND	0	397	
	5'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	434	
S-6	3'	ND	ND	ND	57	ND	57	429	
	5'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	128	60.4	188.4	343	
S-7	3'	ND	ND	ND	ND	ND	0	178	
	5'	ND	ND	ND	ND	ND	0	ND	
SW 1	1'	ND	ND	ND	ND	ND	0	ND	
SW 2	1'	ND	ND	ND	ND	ND	0	ND	
SW 3	1'	ND	ND	ND	ND	ND	0	ND	
SW 4	1'	ND	ND	ND	ND	ND	0	ND	
SW 5	1'	ND	ND	ND	ND	ND	0	ND	
SW 6	1'	ND	ND	ND	ND	ND	0	ND	
BG 1	6"	ND	ND	ND	ND	ND	0	ND	
BG 2	6"	ND	ND	ND	ND	ND	0	ND	

ND- Analyte Not Detected

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

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

3-3-23 CONTIFMATION 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 Appro	oved Labora	atory Resu	lts					
Sample ID	Depth	BTEX										
	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
CS 1	3'	ND	ND	ND	ND	ND	0	ND				
CS 2	3'	ND	ND	ND	ND	ND	0	ND				
CS 3	3'	ND	ND	ND	ND	ND	0	ND				
CS 4	3'	ND	ND	ND	ND	ND	0	ND				
CS 5	3'	ND	ND	ND	ND	ND	0	ND				
CS 6	3' 3'	ND	ND	ND	ND	ND	0	ND				
CS 7 CS 8	3'	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND ND				
	3'	ND	ND	ND	ND	ND	0	ND				
CS 9	3'	ND	ND	ND	ND	ND	0	ND				
CS 10 CS 11	3'	ND	ND	ND	ND	ND	0	ND				
CS 11 CS 12	3'	ND	ND	ND	ND	ND	0	ND				
CS 12 CS 13	3'	ND	ND	ND	ND	ND	0	ND				
CS 15 CS 14	3'	ND	ND	ND	ND	ND	0	ND				
CS 14 CS 15	3'	ND	ND	ND	ND	ND	0	ND				
CS 15	3'	ND	ND	ND	ND	ND	0	ND				
CS 10 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 15	3'	ND	ND	ND	ND	ND	ō	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	ō	ND				
CSW 28	3'	ND	ND	ND	ND	ND	0	ND				
			ND				0					
CSW 30	3'	ND		ND	ND	ND		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				

3-3-23 Confirmation Sample Results

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 then 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, NAPP2300654469 be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

Respectfully,

Gio Gomez

Gio Gomez Project Manager Pima Environmental Services, LLC

Attachments

Figures:

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

Appendices:

Appendix A – Referenced Water Surveys

Appendix B – Soil Survey and Geological Data

Appendix C – C-141 Form and 48 Hour Notification

- Appendix D Photographic Documentation
- Appendix E Laboratory Reports

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Figures:

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map

5-Confirmation Sample Map

Received by OCD: 3/20/2023 8:32:50 AM Burton Flat Deep Unit #61H

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

524

Legend

3

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360

62

N

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

Burton Flat Deep Unit #61H

62

Carlsbad North

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Avalon

285

Happy Valley Carlsbad

T. O. C. C. Omagin 1 VS 1/2023 3:42-36 PM 201

Livingston Wheeler

7 mi



Burton Flat Deep Unit #61H

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



Excel Construction Com

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4 mi

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Burton Flat Deep Unit #61H

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62 603

Carlsbad North

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Avalon

602

Google Earth

George Shoup Relief Rte

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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	(R=POD replaced O=orpha C=the fi	ined,	l	(nuar	ters	are	1=NW	/ 2=NF	3=SW 4=S	E)				
water right file.)	closed)	le is		``					est to la		NAD83 UTM in n	neters)	(In f	eet)	
		POD Sub-		Q	Q	Q								W	Vater
POD Number	Code		County	64					0	X	Y	DistanceDe		thWater Co	lumn
<u>C 00469</u>	С	CUB	ED		1	4 ()2	21S	27E	579078	3596994* 🔵	48	767		
<u>C 03525 POD3</u>		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		С	ED	3	3	2 (01	21S	27E	580594	3597311* 🌍	1585	250	186	64
C 01142		С	ED	3	1	4 ()3	21S	27E	577358	3596873* 🌍	1684	100		
C 03689 POD1		С	ED	1	1	2 (01	21S	27E	580490	3598014 🌍	1762	95	10	85
<u>C 03350</u>		С	ED	1	4	2 (01	21S	27E	580896	3597476 🌍	1915	76	8	68
C 03268 POD1		CUB	ED	4	2	4 (01	21S	27E	581201	3596915 🌍	2167	48	13	35
<u>C 02907</u>		С	ED	3	2	1 ()3	21S	27E	576959	3597669* 🌍	2176	52	14	38
C 03690 POD1		С	ED	4	1	4 1	10	21S	27E	577482	3595179 🌍	2407	200		
C 00465	С	CUB	ED	3	2	1 1	14	21S	27E	578576	3594475* 🌍	2584			
<u>C 00473</u>	С	CUB	ED		3	2 1	14	21S	27E	579087	3594177* 🌍	2841	562		
											Avera	ge Depth to Wa	ter:	38 fee	et
												Minimum De	epth:	8 fee	et
												Maximum De	pth:	186 fee	et
Record Count: 14															
UTMNAD83 Radius	<u>Search (ir</u>	<u>meters)</u>	<u>:</u>												
Easting (X): 579	035.95		North	ning	(Y):	35	597(018.52	!		Radius: 3000				
*UTM location was derived f	from PLSS	- see Help													

1/25/23 8:50 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

USGS Home Contact USGS Search USGS



National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:	
	Groundwater	 United States 	✓ GO

Click to hideNews Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

• 323029104103901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 323029104103901 21S.27E.03.32244

Available data for this site Groundwater: Field measurements V GO

Eddy County, New Mexico Hydrologic Unit Code 13060011 Latitude 32°30'29", Longitude 104°10'39" NAD27 Land-surface elevation 3,199 feet above NAVD88 This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Rustler Formation (312RSLR) local aquifer.

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

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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



Received by OCD: 3/20/2023 8:32:50 AM Burton Flat Deep Unit #61H

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



- Page 20 of 176
- 🍰 4.98 Miles

3 mi

603

62

3 Burton Flat Deep Unit #61H

Burton Flat Deep Unit #61H

A CALL



Avalon

602

Carlsbad North

George Shoup Relief Rte

206

IIII avante and Garadon Ear 191/2023 3:42:36 P STATISTICS PROBABILI



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 H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Gypsum, maximum content: 80 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): 3s Land capability classification (nonirrigated): 7s Hydrologic Soil Group: B Ecological site: R070BC007NM - Loamy Hydric soil rating: No

Minor Components

Unnamed soils

Percent of map unit: 10 percent Hydric soil rating: No

Data Source Information

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



Received by OCD: 3/20/2023 8:32:50 AM National Flood Hazard Layer FIRMette



Legend

regulatory purposes.

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Releasea to Imaging: 7/31/2023 9.42:36 PM 1,500 2.000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

U.S. Fish and Wildlife Service National Wetlands Inventory

Wetlands Map



March 8, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- **Freshwater Pond**

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Lake Other Riverine

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



Appendix C

C-141 Form 48-Hour Notification District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

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

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Incident ID	nAPP2300654469
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) nAPP2300654469		
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
Date Release Discovered 1/6/2023	API# (if applicable) 30-015-43136

Unit Letter	Section	Township	Range	County
L	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)

Crude Oil	Volume Released (bbls) 14	Volume Recovered (bbls) 6
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release Lea	se Operator arrived and found a leak at the	wellhead due to a corroded 2" nipple on

Lease Operator arrived and found a leak at the wellhead due to a corroded 2° hipple on the pumping tee. The unit was shut down and the rams were closed to prevent any further release.

eceived by OCD: 3/20/202	3 8:32:50 AM State of New Mexico		Page 28 of	
		Incident ID	nAPP2300654469	
ge 2	Oil Conservation Division	District RP		
	Facility ID			
		Application ID		
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible pa less than 25 bbls	arty consider this a major release	?	
If YES, was immediate n	otice given to the OCD? By whom? To whom? W	hen 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

The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: Dale Woodall	Title: Environmental Professional
Signature:	Date:
email: dale.woodall@dvn.com	Telephone: 575-748-1838
OCD Only	
Received by:	Date:

.

Received by OCD: 3/20/2023 8:32:50 AM Form C-141 State of New Mexico

Page 3

Oil Conservation Division

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>_<50</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🗴 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🖈 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🕅 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🗶 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🗴 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes д No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🗴 No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🔊 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes д No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes ᡵ No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🕅 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- \mathbf{x} Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- x Field data
- x Data table of soil contaminant concentration data
- \mathbf{x} Depth to water determination
- x Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- **x** Boring or excavation logs
- x Photographs including date and GIS information
- x Topographic/Aerial maps
- X 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.

eceived by OCD. 3/20/20	D: 3/20/2023 8:32:50 AM State of New Mexico		Mexico Page 30 of 1		
	Oil Conservation Division			Incident ID	NAPP2300654469
age 4				District RP	
			Facility ID		
				Application ID	
public health or the environ failed to adequately investig	required to report and/or file certain release no ment. The acceptance of a C-141 report by the gate and remediate contamination that pose a th of a C-141 report does not relieve the operator of	OCD does reat to gro	s not relieve the undwater, surfa	operator of liability sh ce water, human health	ould their operations have or the environment. In
and/or regulations. Printed Name: <u>Dale V</u> Signature: <u>Dale W</u> email: <u>dale.woodall(</u>	Voodall oodall	_ Title: _ _ Date: _	<u>Environmer</u> 3/20/2023	tal Professional 	

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Oil Conservation Division

Incident ID	NAPP2300654469
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. X A scaled site and sampling diagram as described in 19.15.29.11 NMAC x Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) x Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) **x** Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Dale Woodall Title: Environmental Professional Signature: Dale Woodall_____ Date: 3/20/2023 email: dale.woodall@dvn.com Telephone: 575-748-1839 **OCD Only** Received by: Date: Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Closure Approved by: _____ Date: _____ Printed Name: Title:



Gio PimaOil <gio@pimaoil.com>

Burton Flat Deep Unit 61H Confirmation Samples

1 message

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

Tue, Feb 28, 2023 at 4:43 PM

Good Afternoon,

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

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



Appendix D

Photographic Documentation



SITE PHOTOGRAPHS DEVON ENERGY BURTON FLAT DEEP UNIT 61H

Site Assessment



1



Excavation








Post Excavation





Appendix E

Laboratory Reports



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:

Burton Flats 61 H

Work Order: E301148

Job Number: 01058-0007

Received: 1/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/3/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 2/3/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Burton Flats 61 H Workorder: E301148 Date Received: 1/28/2023 7:30:00AM

Tom Bynum,

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

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

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

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

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

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

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

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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Received by OCD: 3/20/2023 8:32:50 AM

Sample Summarv

		Sample Sum	mary		
Pima Environmental Services-Carlsbad		Project Name:	Burton Flats 61 H		Reported:
PO Box 247		Project Number:	01058-0007		Keporteu.
Plains TX, 79355-0247		Project Manager:	Tom Bynum		02/03/23 09:01
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
51-1'	E301148-01A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
51-3'	E301148-02A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
51-5'	E301148-03A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
52-1'	E301148-04A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
32-3'	E301148-05A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
32-5'	E301148-06A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
33-1'	E301148-07A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
33-3'	E301148-08A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
33-5'	E301148-09A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
54-1'	E301148-10A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
54-3'	E301148-11A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
64-5'	E301148-12A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
35-1'	E301148-13A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
55-3'	E301148-14A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
85-5'	E301148-15A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
56-1'	E301148-16A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
66-3'	E301148-17A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
66-5'	E301148-18A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
37-1'	E301148-19A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
37-3'	E301148-20A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
37-5'	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.
W3	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.
W5	E301148-26A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
3G1	E301148-27A	Soil	01/25/23	01/28/23	Glass Jar, 2 oz.
3G2	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.



		impic D					
PO Box 247	Project Name: Project Numbe Project Manag	er: 0105	on Flats 61 1 58-0007 Bynum	Н			Reported: 2/3/2023 9:01:48AM
Tining 11, 7555 0217	Troject Manag		Dynam				
		S1-1'					
		E301148-01					
		Reporting					
Analyte	Result	Limit	Dilut	ion Pre	pared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2305009
Benzene	ND	0.0250	1	01/.	30/23	01/30/23	
thylbenzene	ND	0.0250	1	01/.	30/23	01/30/23	
oluene	ND	0.0250	1	01/2	30/23	01/30/23	
-Xylene	ND	0.0250	1	01/2	30/23	01/30/23	
,m-Xylene	ND	0.0500	1	01/2	30/23	01/30/23	
Total Xylenes	ND	0.0250	1	01/.	30/23	01/30/23	
urrogate: 4-Bromochlorobenzene-PID		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	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	01/.	30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2305006
Diesel Range Organics (C10-C28)	86.5	25.0	1	01/.	30/23	01/30/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/.	30/23	01/30/23	
urrogate: n-Nonane		95.6 %	50-200	01/.	30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2305012
Chloride	3480	20.0	1	01/.	30/23	01/30/23	



	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Number	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			2/3/2023 9:01:48AM
		S1-3'				
		E301148-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
enzene	ND	0.0250	1	01/30/23	01/31/23	
thylbenzene	ND	0.0250	1	01/30/23	01/31/23	
oluene	ND	0.0250	1	01/30/23	01/31/23	
-Xylene	ND	0.0250	1	01/30/23	01/31/23	
,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
otal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
urrogate: 4-Bromochlorobenzene-PID		100 %	70-130	01/30/23	01/31/23	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2305009
asoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	300	25.0	1	01/30/23	01/30/23	
Dil Range Organics (C28-C36)	144	50.0	1	01/30/23	01/30/23	
urrogate: n-Nonane		102 %	50-200	01/30/23	01/30/23	
anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2305012
hloride	675	20.0	1	01/30/23	01/31/23	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	ton Flats 61 H			
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			2/3/2023 9:01:48AM
		S1-5'				
		E301148-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		104 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



	Sa	ample D	ata			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		ton Flats 61 H 58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			2/3/2023 9:01:48AM
		S2-1'				
		E301148-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
o,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/30/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		96.7 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2305012
Chloride	630	20.0	1	01/30/23	01/31/23	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			2/3/2023 9:01:48AM
		S2-3'				
		E301148-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2305009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	198	25.0	1	01/30/23	01/30/23	
Oil Range Organics (C28-C36)	125	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		97.0 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2305012
Chloride	1150	100	5	01/30/23	01/31/23	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			2/3/2023 9:01:48AM
		S2-5'				
		E301148-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
o,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/30/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		101 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



	Sa	imple D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Numbe	r: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manage	er: Tom	Bynum			2/3/2023 9:01:48AM
		S3-1'				
]	E301148-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
o,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	171	25.0	1	01/30/23	01/30/23	
Dil Range Organics (C28-C36)	76.1	50.0	1	01/30/23	01/30/23	
Surrogate: n-Nonane		99.0 %	50-200	01/30/23	01/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2305012
Chloride	2310	100	5	01/30/23	01/31/23	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			2/3/2023 9:01:48AM
		S3-3'				
		E301148-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
o,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2305009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		104 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2305012
Chloride	281	20.0	1	01/30/23	01/31/23	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			2/3/2023 9:01:48AM
		S3-5'				
		E301148-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
o,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		102 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



Sa	imple D	ata			
Project Name:	Burt	on Flats 61 H			
Project Number	r: 0103	58-0007			Reported:
Project Manage	er: Tom	Bynum			2/3/2023 9:01:48AM
	S4-1'				
1	E301148-10				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst		Batch: 2305009	
ND	0.0250	1	01/30/23	01/31/23	
ND	0.0250	1	01/30/23	01/31/23	
ND	0.0250	1	01/30/23	01/31/23	
ND	0.0250	1	01/30/23	01/31/23	
ND	0.0500	1	01/30/23	01/31/23	
ND	0.0250	1	01/30/23	01/31/23	
	101 %	70-130	01/30/23	01/31/23	
mg/kg	mg/kg	Analyst: SL			Batch: 2305009
ND	20.0	1	01/30/23	01/31/23	
!	93.3 %	70-130	01/30/23	01/31/23	
mg/kg	mg/kg	Analyst	: KM		Batch: 2305006
84.0	25.0	1	01/30/23	01/31/23	
ND	50.0	1	01/30/23	01/31/23	
	96.0 %	50-200	01/30/23	01/31/23	
mg/kg	mg/kg	Analyst	: KL		Batch: 2305012
	Project Name: Project Number Project Manage Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name: Burf Project Number: 0102 Project Manager: Tom Project Manager: Tom S4-1' E301148-10 Result Limit mg/kg mg/kg MD 0.0250 ND 20.0 mg/kg mg/kg mg/kg mg/kg Mgkg 5.0 ND 50.0	Project Number: $01058-0007$ Project Manager: $Tom Bynum$ S4-1' E301148-10 E301148-10 Tejott Manager: Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 MD 0.0250 1 MD 20.01 1 mg/kg mg/kg Malyst MD 25.0 1 MD 50.0 1 MD 50.200 1	I wit on Flats 61 H Project Number: 01058-0007 Project Manager: Tom Bynum S4-1' S4-1' E301148-10 Fayout Manager: Fayout Manager: Baynum S4-1' Fayout Manager: Project Manager: Manager: Fayout Manager: Manager: Manager: MD 0.0250 1 01/30/23 ND 0.0250 1 01/30/23 ND 20.0 1 01/30/23 MD 20.0 1 01/30/23 MD 20.0 1 01/30/23 MD	Interval of the set of



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			2/3/2023 9:01:48AM
		S4-3'				
		E301148-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Batch: 2305009		
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	52.8	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		101 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2305012
Chloride	258	20.0	1	01/30/23	01/31/23	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			2/3/2023 9:01:48AM
		S4-5'				
		E301148-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
o,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2305009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		108 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	

	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:	: Burt	on Flats 61 H			
PO Box 247	Project Numb	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			2/3/2023 9:01:48AM
		S5-1'				
		E301148-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
thylbenzene	ND	0.0250	1	01/30/23	01/31/23	
°oluene	ND	0.0250	1	01/30/23	01/31/23	
-Xylene	ND	0.0250	1	01/30/23	01/31/23	
,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
urrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: SL			Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
urrogate: n-Nonane		96.9 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: KL		Batch: 2305012
Chloride	642	20.0	1	01/30/23	01/31/23	



	32	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Number	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			2/3/2023 9:01:48AM
		S5-3'				
		E301148-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
o,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2305009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		102 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: KL		Batch: 2305012
Chloride	397	20.0	1	01/30/23	01/31/23	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			2/3/2023 9:01:48AM
		S5-5'				
		E301148-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys		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	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		105 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



	3	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	: Bur	on Flats 61 H			
PO Box 247	Project Numb	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			2/3/2023 9:01:48AM
		S6-1'				
		E301148-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: SL			Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		103 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2305012
Chloride	434	20.0	1	01/30/23	01/31/23	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			2/3/2023 9:01:48AM
		S6-3'				
		E301148-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy		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	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
o,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	57.0	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		98.6 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2305012
Chloride	429	20.0	1	01/30/23	01/31/23	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Bur	on Flats 61 H			
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			2/3/2023 9:01:48AM
		S6-5'				
		E301148-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys		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	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
o,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		108 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2305012
Chloride	ND	20.0	1	01/30/23	01/31/23	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			2/3/2023 9:01:48AM
		S7-1'				
		E301148-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
p-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: SL		Batch: 2305009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	128	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	60.4	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		106 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2305012
Chloride	343	20.0	1	01/30/23	01/31/23	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flats 61 H			
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			2/3/2023 9:01:48AM
		S7-3'				
		E301148-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2305009
Benzene	ND	0.0250	1	01/30/23	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	
p-Xylene	ND	0.0250	1	01/30/23	02/01/23	
o,m-Xylene	ND	0.0500	1	01/30/23	02/01/23	
Fotal Xylenes	ND	0.0250	1	01/30/23	02/01/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	01/30/23	02/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2305009
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	02/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	01/30/23	02/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2305006
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		104 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2305012
Chloride	178	20.0	1	01/30/23	01/31/23	



	3	ample D	ata			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numl		on Flats 61 H 58-0007			Reported:
Plains TX, 79355-0247	Project Mana		Bynum			2/3/2023 9:01:48AM
		\$7-5'				
		E301148-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	yst: 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	
o,m-Xylene	ND	0.0500	1	01/30/23	01/30/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130	01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	01/30/23	01/30/23	
Surrogate: Toluene-d8		102 %	70-130	01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	yst: IY		Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130	01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	01/30/23	01/30/23	
Surrogate: Toluene-d8		102 %	70-130	01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		104 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	yst: BA		Batch: 2305011
Chloride	ND	20.0	1	01/30/23	01/31/23	



	S	ample D	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numb Project Manag	er: 0105	on Flats 61 58-0007 Bynum	Н		Reported: 2/3/2023 9:01:48AM
		SW1				
		E301148-22				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2305010
Benzene	ND	0.0250	1	01/30/23	01/30/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/30/23	
Toluene	ND	0.0250	1	01/30/23	01/30/23	
-Xylene	ND	0.0250	1	01/30/23	01/30/23	
,m-Xylene	ND	0.0500	1	01/30/23	01/30/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.3 %	70-130	01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	01/30/23	01/30/23	
Jurrogate: Toluene-d8		102 %	70-130	01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.3 %	70-130	01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	01/30/23	01/30/23	
Surrogate: Toluene-d8		102 %	70-130	01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
urrogate: n-Nonane		101 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: BA		Batch: 2305011
Chloride	ND	20.0	1	01/30/23	01/31/23	



	D	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name:		on Flats 61	Н			
PO Box 247	Project Numb		58-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				2/3/2023 9:01:48AM
		SW2					
		E301148-23					
		Reporting					
Analyte	Result	Limit	Dilu	ition	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	1	01/30/23	01/30/23	
Toluene	ND	0.0250	1	1	01/30/23	01/30/23	
o-Xylene	ND	0.0250	:	1	01/30/23	01/30/23	
o,m-Xylene	ND	0.0500	:	1	01/30/23	01/30/23	
Fotal Xylenes	ND	0.0250		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		90.4 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		101 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		90.4 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		101 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2305005	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0		1	01/30/23	01/31/23	
Surrogate: n-Nonane		106 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2305011
Chloride	ND	20.0	:	1	01/30/23	01/31/23	



	L L	Sample D	ลเล				
Pima Environmental Services-Carlsbad	Project Nam		on Flats 61	Н			
PO Box 247	Project Num	ber: 0103	01058-0007				Reported:
Plains TX, 79355-0247	Project Man	ager: Tom	Bynum				2/3/2023 9:01:48AM
		SW3					
		E301148-24					
		Reporting					
Analyte	Result	Limit	Dilut	tion Pi	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2305010
Benzene	ND	0.0250	1	01	/30/23	01/30/23	
Ethylbenzene	ND	0.0250	1	01	/30/23	01/30/23	
Toluene	ND	0.0250	1	01	/30/23	01/30/23	
p-Xylene	ND	0.0250	1	01	/30/23	01/30/23	
o,m-Xylene	ND	0.0500	1	01	/30/23	01/30/23	
Total Xylenes	ND	0.0250	1	01	/30/23	01/30/23	
Surrogate: Bromofluorobenzene		92.3 %	70-130	0.	//30/23	01/30/23	
urrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	0.	/30/23	01/30/23	
Surrogate: Toluene-d8		101 %	70-130	0.	//30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2305010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01	/30/23	01/30/23	
Surrogate: Bromofluorobenzene		92.3 %	70-130	0.	/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	0.	/30/23	01/30/23	
Surrogate: Toluene-d8		101 %	70-130	0.	/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM			Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0	1	01	/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01	/30/23	01/31/23	
Surrogate: n-Nonane		108 %	50-200	0.	//30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA			Batch: 2305011
Chloride	ND	20.0	1	01	/30/23	01/31/23	



	3	ample D	ata				
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		on Flats 61 58-0007	Н			Reported:
Plains TX, 79355-0247	Project Mana		Bynum				2/3/2023 9:01:48AM
· · · · · · · · · · · · · · · · · · ·		-	2				
		SW4 E301148-25					
		Reporting					
Analyte	Result	Limit	Dilu	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2305010
Benzene	ND	0.0250	1	0	1/30/23	01/30/23	
Ethylbenzene	ND	0.0250	1	0	1/30/23	01/30/23	
Toluene	ND	0.0250	1	0	1/30/23	01/30/23	
p-Xylene	ND	0.0250	1	0	1/30/23	01/30/23	
o,m-Xylene	ND	0.0500	1	0	1/30/23	01/30/23	
Total Xylenes	ND	0.0250	1	0	1/30/23	01/30/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130	0	1/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	0	1/30/23	01/30/23	
Surrogate: Toluene-d8		104 %	70-130	0	1/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2305010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	0	1/30/23	01/30/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130	0	1/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	0	1/30/23	01/30/23	
Surrogate: Toluene-d8		104 %	70-130	0	1/30/23	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	0	1/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	0	1/30/23	01/31/23	
Surrogate: n-Nonane		109 %	50-200	0	1/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA			Batch: 2305011
Chloride	ND	20.0	1	0	1/30/23	01/31/23	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numb Project Manag	er: 0105	on Flats 61 I 58-0007 Bynum	Н		Reported: 2/3/2023 9:01:48AM
		SW5				
		E301148-26				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2305010
Benzene	ND	0.0250	1	01/30/23	01/30/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/30/23	
Toluene	ND	0.0250	1	01/30/23	01/30/23	
o-Xylene	ND	0.0250	1	01/30/23	01/30/23	
o,m-Xylene	ND	0.0500	1	01/30/23	01/30/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.3 %	70-130	01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	01/30/23	01/30/23	
urrogate: Toluene-d8		103 %	70-130	01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.3 %	70-130	01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	01/30/23	01/30/23	
Surrogate: Toluene-d8		103 %	70-130	01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: KM		Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
urrogate: n-Nonane		110 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: BA		Batch: 2305011
Chloride	ND	20.0	1	01/30/23	01/31/23	



	2	sample D	ata				
Pima Environmental Services-Carlsbad	Project Name		on Flats 61	Н			
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum				2/3/2023 9:01:48AM
		BG1					
		E301148-27					
		Reporting					
Analyte	Result	Limit	Dilut	tion 1	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2305010
Benzene	ND	0.0250	1	. (01/30/23	01/30/23	
Ethylbenzene	ND	0.0250	1	. (01/30/23	01/30/23	
Toluene	ND	0.0250	1	. (01/30/23	01/30/23	
o-Xylene	ND	0.0250	1	. (01/30/23	01/30/23	
,m-Xylene	ND	0.0500	1	. (01/30/23	01/30/23	
Fotal Xylenes	ND	0.0250	1	. (01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.2 %	70-130	(01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	(01/30/23	01/30/23	
urrogate: Toluene-d8		103 %	70-130	0	01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2305010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	. (01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		93.2 %	70-130	(01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	(01/30/23	01/30/23	
Surrogate: Toluene-d8		103 %	70-130	(01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM			Batch: 2305005
Diesel Range Organics (C10-C28)	ND	25.0	1	. (01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	. (01/30/23	01/31/23	
Surrogate: n-Nonane		112 %	50-200	(01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA			Batch: 2305011
Chloride	ND	20.0	1	. (01/30/23	01/31/23	



		sample D	ata				
Pima Environmental Services-Carlsbad	Project Name		on Flats 61				
PO Box 247	Project Num		58-0007			Reported:	
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum				2/3/2023 9:01:48AM
		BG2					
		E301148-28					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2305010
Benzene	ND	0.0250	1	. (01/30/23	01/30/23	
Ethylbenzene	ND	0.0250	1	. (01/30/23	01/30/23	
Toluene	ND	0.0250	1	. (01/30/23	01/30/23	
p-Xylene	ND	0.0250	1	. (01/30/23	01/30/23	
o,m-Xylene	ND	0.0500	1	. (01/30/23	01/30/23	
Total Xylenes	ND	0.0250	1	. (01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		92.4 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		01/30/23	01/30/23	
Jurrogate: Toluene-d8		104 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/30/23	01/30/23	
Surrogate: Bromofluorobenzene		92.4 %	70-130		01/30/23	01/30/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		01/30/23	01/30/23	
Surrogate: Toluene-d8		104 %	70-130		01/30/23	01/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2305007	
Diesel Range Organics (C10-C28)	ND	25.0	1	. (01/30/23	01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1		01/30/23	01/31/23	
Surrogate: n-Nonane		112 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA			Batch: 2305011
Chloride	ND	20.0	1	. (01/30/23	01/31/23	



	S	ample D	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	oer: 0103	on Flats 61 58-0007 Bynum	Н		Reported: 2/3/2023 9:01:48AM
		SW6				
		E301148-29				
Analyte	Result	Reporting Limit	Dilu	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2305010
Benzene	ND	0.0250	1	01/30/2	3 01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/2	3 01/31/23	
Toluene	ND	0.0250	1	01/30/2	3 01/31/23	
-Xylene	ND	0.0250	1	01/30/2	3 01/31/23	
o,m-Xylene	ND	0.0500	1	01/30/2	3 01/31/23	
Total Xylenes	ND	0.0250	1	01/30/2	3 01/31/23	
Surrogate: Bromofluorobenzene		91.4 %	70-130	01/30/2	3 01/31/23	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	01/30/2	01/31/23	
urrogate: Toluene-d8		103 %	70-130	01/30/2	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	L	Analyst: IY		Batch: 2305010
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/2	3 01/31/23	
Surrogate: Bromofluorobenzene		91.4 %	70-130	01/30/2	01/31/23	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	01/30/2	3 01/31/23	
Surrogate: Toluene-d8		103 %	70-130	01/30/2	3 01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM		Batch: 2305007
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/2	3 01/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	01/30/2	3 01/31/23	
Gurrogate: n-Nonane		117 %	50-200	01/30/2	3 01/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA		Batch: 2305011
Chloride	ND	20.0	1	01/30/2	3 01/31/23	


QC Summary Data

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Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		urton Flats 61 H 058-0007	I				Reported:
Plains TX, 79355-0247		Project Manager:	То	om Bynum				2	/3/2023 9:01:48AM
		Volatile Organic	Compo	unds by EPA	A 8260H	3			Analyst: IY
Analyte		Reporting	Spike	Source		Rec		RPD	
-	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305010-BLK1)							Prepared: 0	1/30/23 Ana	lyzed: 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	0.433		0.500		96.1	70-130			
<u> </u>									
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
LCS (2305010-BS1)							Prepared: 0	1/30/23 Ana	lyzed: 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			
p-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: E	301148-2	21	Prepared: 0	1/30/23 Ana	lyzed: 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			
p-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: E	301148-2	21	Prepared: 0	1/30/23 Ana	lyzed: 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

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Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		urton Flats 61 1058-0007	Н				Reported:
Plains TX, 79355-0247		Project Manager:	Te	om Bynum					2/3/2023 9:01:48AM
		Volatile O	rganics l	by EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305009-BLK1)							Prepared: 0	1/30/23 A	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: 0	1/30/23 A	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			
p-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:	E301148-0	01	Prepared: 0	1/30/23 A	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:	E301148-0	01	Prepared: 0	1/30/23 A	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

		QC D	umm	laly Data					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Burton Flats 61 H 01058-0007 Tom Bynum	I				Reported: 2/3/2023 9:01:48AM
	No	onhalogenated C	Organic	s by EPA 801	5D - Gl	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2305009-BLK1)							Prepared: 0	1/30/23 A	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: 0	1/30/23 A	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: E	301148-0	01	Prepared: 0	1/30/23 A	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: E	301148-0	01	Prepared: 0	1/30/23 A	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

		QC SI	u 111111	ary Data	l				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	l	Project Name: Project Number: Project Manager:	(Burton Flats 61 1 01058-0007 Tom Bynum	Η				Reported: 2/3/2023 9:01:48AM
	N	onhalogenated O	rganics	s by EPA 801	5D - GR	0			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305010-BLK1)							Prepared: 0	1/30/23	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: 0	1/30/23	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: I	E301148-21		Prepared: 0	1/30/23	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: I	E 301148-21		Prepared: 0	1/30/23	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

		QC DI		ary Data					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	C	Burton Flats 61 H)1058-0007 Fom Bynum	ĺ				Reported: 2/3/2023 9:01:48AM
	Nonh	alogenated Orga	anics by	F 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
	6 6	6 6	00	6 6	,,,	,,,			
Blank (2305005-BLK1)							Prepared: 0	1/30/23 A	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: 0	1/30/23 A	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: E	301146-	04	Prepared: 0	1/30/23 A	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: E	301146-	04	Prepared: 0	1/30/23 A	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

		QC DI		ary Data					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Burton Flats 61 H)1058-0007 Fom Bynum					Reported: 2/3/2023 9:01:48AM
	Nonh	alogenated Orga	anics 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: 0	1/30/23 A	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: 0	1/30/23 A	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: E	301148-	01	Prepared: 0	1/30/23 A	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: E	301148-	01	Prepared: 0	1/30/23 A	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

		QC DI		laly Data					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Burton Flats 61 H 01058-0007 Tom Bynum					Reported: 2/3/2023 9:01:48AM
	Nonh	alogenated Orga	anics b	y 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: 0	1/30/23 A	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: 0	1/30/23 A	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: E.	301149-	02	Prepared: 0	1/30/23 A	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: E.	301149-	02	Prepared: 0	1/30/23 A	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

		QU D	u 111111	ary Data						
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Burton Flats 61 H 01058-0007 Tom Bynum	I					orted: 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 %		Jotes
Blank (2305011-BLK1)							Prepared: 0	1/30/23	Analyzed: 0	1/31/23
hloride .CS (2305011-BS1)	ND	20.0					Prepared: 0	1/30/23	Analyzed: 0	1/31/23
hloride	260	20.0	250		104	90-110				
Aatrix Spike (2305011-MS1)				Source: E	301146-0	1	Prepared: 0	1/30/23	Analyzed: 0	1/31/23
hloride	889	200	250	693	78.6	80-120				M2
Aatrix Spike Dup (2305011-MSD1)				Source: E	301146-0	1	Prepared: 0	1/30/23	Analyzed: 0	1/31/23
hloride	912	200	250	693	87.5	80-120	2.48	20		
	912	200	250							



QC Summary Data

	Q U U	u 111111							
l	Project Name: Project Number: Project Manager:		01058-0007	[Reported 2/3/2023 9:01:	
	Anions	by EPA	300.0/9056A					Analyst: KL	
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	Limit		
ND	20.0					Prepared: 0	1/30/23	Analyzed: 01/30	/23
						Prepared: 0	1/30/23	Analyzed: 01/30	/23
256	20.0	250		102	90-110				
			Source: E	301148-0)1	Prepared: 0	1/30/23	Analyzed: 01/30	/23
3710	20.0	250	3480	92.1	80-120				
			Source: E	301148-0)1	Prepared: 0	1/30/23	Analyzed: 01/31	/23
3700	20.0	250	3480	87.4	80-120	0.317	20		
	Result mg/kg ND 256 3710	I Project Name: Project Number: Project Manager: Anions Result mg/kg Reporting Limit mg/kg ND 20.0 256 20.0 3710 20.0	I Project Name: Project Number: Project Manager: Anions by EPA Result mg/kg Reporting Limit mg/kg Spike Level mg/kg ND 20.0 256 20.0 250 3710 20.0 250	Project Name: Burton Flats 61 H Project Number: 01058-0007 Project Manager: Tom Bynum Anions by EPA 300.0/9056A Result Reporting mg/kg mg/kg ND 20.0 256 20.0 256 20.0 3710 20.0 3710 20.0 Source: E 3710 20.0	Project Number: 01058-0007 Project Number: 01058-0007 Project Manager: Tom Bynum Anions by EPA 300.0/9056A Result Reporting Spike Source mg/kg mg/kg mg/kg % ND 20.0 250 102 256 20.0 250 102 3710 20.0 250 3480 92.1 Source: E301148-6 Source: E301148-6	I Project Name: Burton Flats 61 H Project Number: 01058-0007 Project Manager: Tom Bynum Anions by EPA 300.0/9056A Reporting Limit Level Result Result mg/kg Rec Rec ND 20.0 250 102 90-110 Source: E301148-01 3710 20.0 250 3480 92.1 80-120	Project Name: Project Number: Project Manager:Burton Flats 61 H 01058-0007 Tom BynumAnions by EPA 300.0/9056AAnions by EPA 300.0/9056AResult Mg/kgReporting Limit Mg/kgSpike Level Mg/kgSource Mg/kgRec %Rep %ND20.025010290-110Prepared: 025620.025010290-110Prepared: 0371020.0250348092.180-120Prepared: 0	Image: Project Name: Burton Flats 61 H Project Number: 01058-0007 Project Manager: Tom Bynum Anions by EPA 300.0/9056A Result Reporting Limit Spike Level Source Result Rec Limits RPD % RPD Limit MD 20.0 250 102 90-110 Source: E301148-01 Prepared: 01/30/23 3710 20.0 250 3480 92.1 80-120	Image: Project Name: Project Name: O1058-0007 Burton Flats 61 H Reported Project Number: O1058-0007 01058-0007 2/3/2023 9:01: Project Manager: Tom Bynum 2/3/2023 9:01: Analyst: KL Anions by EPA 300.0/9056A Analyst: KL Reporting Result mg/kg Spike Level Source Result Result Rec Rec RPD Limit Mg/kg Mg/kg Mg/kg Mg/kg % % Notes ND 20.0 250 102 90-110 Prepared: 01/30/23 Analyzed: 01/30/23 256 20.0 250 3480 92.1 80-120 Prepared: 01/30/23 Analyzed: 01/30/23 3710 20.0 250 3480 92.1 80-120 Prepared: 01/30/23 Analyzed: 01/31/23

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.



	2 ••••••••		
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.



Project	Information
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Released to Imaging: 7/31/2023 3:42:36 PM

Lab V E 3 stog kg ouo/oug	Lab WO E 301 stoo/oug pho 8015 eucopage by 8015	148	2	010	Chloride 300.0	er 2007- d Metho	1D Dd	2D	3D	Stanc	lard	CWA	SDWA
Dec provoro	-			Anal	vsis an 0.00	d Metho	bd						_
	DRO/ORO by 8015 GRO/DRO by 8015	BTEX by 8021			300.0				T				RCRA
	T T	BTEX by 8021	VOC by 8260	Metals 6010	oride 300.0		W				-		
	DR0/080 by 8 GR0/D80 by 8 GR0/D80 by 8	BTEX by 8021	VOC by 8260	Metals 6010	oride 300.0		Σ					State	TY
		BTEX by 8	VOC by 8	Metals 60	oride		Z	×		X		UT AZ	
	r <u>« «</u> «	81	NO	ž			BGDOC	DOC				Remarks	
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nole locatio	le location	-	7	Samp	les requir d in ice a	ing therma	l preserva np above	ation m 0 but l	ust be re ess than	eceived on ic 6 °C on subs	e the day th sequent day	.ey are sample s.	d or receive
~ ~~~	nauch	e	-				A	ab U	lse Or				
- 12	Time	e		Rec	eived	on ice:	6	DIN	V				
723	Time Time)	T1			<u>T2</u>			<u>T</u> 3	<u>s</u>		
723	123 Time			AVO	i Tem	or U	61						
723	Time Time Time			oly/p			10						
112	le location		605 ime 1145 ime 7:30	667 ime 1145 ime 7:30 ime	ime 7:30 ime 7:30 ime	Samples requir packed in ice at packed in ice at T1	Samples requiring therma packed in ice at an avg ter packed in ice at an avg ter ime 7:30 T1	Samples requiring thermal preserve packed in ice at an avg temp above ime 1145 Received on ice: 7:30 T1 T2	Samples requiring thermal preservation m packed in ice at an avg temp above 0 but 1 ime 7:30 T1 T2	Samples requiring thermal preservation must be r packed in ice at an avg temp above 0 but less than ime 1145 Received on ice: // N 7:30 T1 T2	Samples requiring thermal preservation must be received on ic packed in ice at an avg temp above 0 but less than 6 °C on subs ime 1145 Received on ice: D/ N T1 T2 T3 ime	Samples requiring thermal preservation must be received on ice the day the packed in ice at an avg temp above 0 but less than 6 °C on subsequent days ime 1145 Received on ice: D/ N T1 T2 T3	Samples requiring thermal preservation must be received on ice the day they are sample packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Project	nformation

Client: Pi	ma Envi	ronment	tal Servi	ces		Bill To		-		La	b Us	se On	ly			1.17	TAT		EPA Pro	ogram
Project: T	Burton	1 Fla:	ts lol			ntion:	_	Lab	WO#		-	Job I	Number		1D	2D 3	3D S	itandard	CWA	SDWA
	an ager: 5614 N.					ress:		EZ	100	14	8	DC	58.0	XH	-			X		RCRA
	e, Zip Ho					, State, Zip		-		-		Analy	sis and N	l		- 1	1			RChA
hone: 5	80-748-	1613			Em			15	15										State	
	om@pim	naoil.cor	n		Pir	na Project # /-23,	1	by 80	by 80	121	60	0	300.0		WW	~			UT AZ	TX
Time	Date				1.0		Lab	ORO	GRO/DRO by 8015	BTEX by 8021	oy 82	ls 601	ide 3(C TX		X		_
Sampled	Sampled	Matrix	No. of Containers	Sample ID			Number	DRO/ORO by 8015	GRO/	втех	VOC by 8260	Metals 6010	Chloride		BGDOC	BGDOC			Remarks	
0:50	125/23	S	Y.	S4-3'			11								X		1			-
0:55	1	1	1	54.5'			12								1					
1:00				85-1			13													
1:05				\$5.3			14													
1:10				\$5.5'			15													
1:15				Sle-1'			10								Π					
1:20				56.3			17								Π					
1:25				86.5	1		18													
1:30				57-1			19										1			
1:35	4	V	THE REAL	\$7.3'			20								1					
\dditiona	l Instruct	ions:				Bill to Devok	1:2	11/	2	94	11									
				icity of this sample. I may be grounds for le		hat tampering with or intentionally mislat Sampled by:	elling the sample	locatio	on.		D	Sample	es requiring t I in ice at an	hermal p avg temp	above	tion must D but less	be receive than 6 °C	ed on ice the day on subsequent d	r they are sample lays.	ed or receiv
				Time		Received by: (Signature)	Date	1	Time	1	<u> </u>				نا ا	ab Use	Only			
Al	5		1.2		00	mille Curs	127-0	w.	11	15	-	Rece	eived on	ice:	Y	N				
Michi	I by: (Signat	ure	Date	Time	100	Received by: (Signature)	Date 1-28-	23	Time 7;	30	5.	T1			T2			T3	-	
	by: (Signat	ture)	Date			Received by: (Signature)	Date		Time						~					
	~									~			Temp [°]							-
				queous, O - Other		er arrangements are made. Hazardo	Containe	Туре	g-g	lass	p - p	oly/pl	astic, ag	- ambe	er gla	ss, v - \	/OA		abusta -fat	

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Project	Information	

Released to Imaging: 7/31/2023 3:42:36 PM

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Received by OCD: 3/20/2023 8:32:50 AM

Client: Pima Environr	mental S	Services			Bill To				La	ab Us	se On	ly		1	1.14	TA	AT		EPA Pr	ogram
Project: Burton F	Flats	Lel H	At	tention:	alar view		Lab	WO#		_	Job I	Num	ber _	1D	2D	3D	Sta	andard	CWA	SDWA
Project Manager: Ton	n Bynun	n	Ac	ldress:			E?	501	14	8	OI	SS	.000	F				X		
Address: 5614 N. Lov			Ci	ty, State, Zip			-				Analy	/sis ar	nd Metho	d						RCRA
City, State, Zip Hobbs	s. NM. 8	8240	P	none:							-									1
Phone: 580-748-161			E	mail:			15	15	6										State	
Email: tom@pimaoi	l.com				1 22	,	y 80	/ 80	н			0.0		5				NM CO	UT AZ	TX
Report due by:			F P	ima Project #	1-231	/	d Oi	d O	802	826(2010	300		NN	X			X		
Time Date	1	No. of	10			Lab	DRO/ORO by 8015	GRO/DRO by 8015	χþγ	VOC by 8260	als (Chloride 300.0		BGDOC	BGDOC				Remarks	
Sampled Sampled Ma		tainers Sample	ID			Number	DRC	GRC	BTEX by 8021	VOC	Metals 6010	Chlo		BGL	BGD		-		nemerks	
11:40 1/25/23 5	S I	1 57	-5'			21								X				1		
11:45 1 1		1 Sh	1 Î			22												k		
11:50		SU	51			23														
11:55		SW				24	-													
12:00		SW	14			25								1						
12:05		Sh	15			20														
12:10		Be	al		_	27								1				_		
12:15		BE	12			28														
12:20		+ SW	le			29								*	-					
Additional Instructions	s:		7:11 1. 1		711/26	41												-		
		authenticity of this	sample. I am awar	e that tampering with o	211129 r intentionally mislabelli	ng the sample	locatio	on	1.1	-	Sampl	les requ	iring thermal	preserva	ation m	ust be re	eceived	on ice the day	they are samp	led or received
l, (field sampler), attest to the va date or time of collection is cons	sidered frau	id and may be gro	unds for legal action	. <u>Sample</u>	ed by Audria	ina Bi	one	Ma	00	51	packed	d in ice	at an avg terr	p above	0 but h	ess than	6 °C on	subsequent da	ıys.	
Relinquished by; (Signature)		Date	Time	Received by /Sign		Date	100	Time		0				٢	al U	lse Or	nly			
AB		1.27.23	9:00	Received by: (Sigr	Elyle_	1-27-	23	11	45	5	Rec	eived	d on ice:	6	Ur	V				
Relinquished by: (Signature)	0	Date	Time	Received by: (Sign	ature)	Date	17	Time												
Michele June	ls	1-27-23	2100	Drein 4		01-27-	60		:30	-	T1			<u>T2</u>			-	<u>T3</u>		
Relinquished by: (Signature)		Date	Time	Received by: (Sigr	hature)	Date		Time			AVG	5 Ten	np°C_	F.0						
Sample Matrix - Soil, Sd - Solid	d. Sg - Slude	ze A - Aqueous, O	- Other			Containe	r Type	8-1	glass,						iss, v	- VOA				100
Note: Samples are discarded	1 30 days a	fter results are	eported unless o	ther arrangements ar	e made. Hazardous	samples will	be ret	turned	to cl	Tent o	r dispo	n haze	f at the cli	ent ext	pense	. The	report	t for the an	alysis of the	above
samples is applicable only to	those sar	nples received b	y the laboratory v	vith this COC. The liab	bility of the laboratory	y is limited to	the a	amour	nt paid	d for c	on the	repor	t.							
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TAT

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

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:		Due Date:	02/03/23	17:00 (4 day TAT)		
Chain o	f Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	n the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was t	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		Yes		Commen	ts/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>					
6. Did tł	ne COC indicate standard TAT, or Expedited TAT?		Yes			
<u>Sample</u>	<u>Cooler</u>					
7. Was a	a sample cooler received?		Yes			
8. If yes	, was cooler received in good condition?		Yes			
9. Was t	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
12. Was 1	the sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are a minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample to	emperature: 4°	с			
	Container	1 <u> </u>	_			
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
17. Was	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?		NA Yes			
17. Was 18. Are	non-VOC samples collected in the correct containers?	rs collected?				
17. Was 18. Are	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe	rs collected?	Yes			
 17. Was 18. Are : 19. Is the Field La 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe		Yes			
17. Was 18. Are : 19. Is the Field La 20. Were	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe <u>abel</u> e field sample labels filled out with the minimum inform Sample ID?		Yes			
17. Was 18. Are : 19. Is the Field La 20. Were	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?		Yes Yes Yes Yes			
17. Was 18. Are 19. Is the Field La 20. Were	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?		Yes Yes Yes			
17. Was 18. Are : 19. Is the Field La 20. Were Sample	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	nation:	Yes Yes Yes Yes Yes			
 17. Was 18. Are 19. Is the Field La 20. Were 3 3 5 5 5 5 6 5 6 5 6 6 7 7 8 9 9 10 10	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were preservation	nation:	Yes Yes Yes Yes Yes No			
 Was Are Is the Field La Were Were Were Bample Doe: Are 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pre- sample(s) correctly preserved?	nation: served?	Yes Yes Yes Yes No NA			
 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lal 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pre- sample(s) correctly preserved? b filteration required and/or requested for dissolved me	nation: served?	Yes Yes Yes Yes Yes No			
 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lai Multiph 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pre- sample(s) correctly preserved? b filteration required and/or requested for dissolved me mase Sample Matrix	nation: served? tals?	Yes Yes Yes Yes No NA No			
17. Was 18. Are 19. Is the Field La 20. Werd 20. Werd 21. Does 22. Are 24. Is lai Multiph 26. Does	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pre- sample(s) correctly preserved? b filteration required and/or requested for dissolved me <u>nase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase	nation: served? tals? ?	Yes Yes Yes Yes No NA No			
 17. Was 18. Are 19. Is the Field La 20. Werd 20. Werd 21. Does 22. Are 24. Is lail Multiph 26. Does 27. If ye 	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pre- sample(s) correctly preserved? b filteration required and/or requested for dissolved me <u>nase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase es, does the COC specify which phase(s) is to be analyz	nation: served? tals? ?	Yes Yes Yes Yes No NA No			
17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lai Multiph 26. Does 27. If ye	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were pre- sample(s) correctly preserved? b filteration required and/or requested for dissolved me mase Sample Matrix s the sample have more than one phase, i.e., multiphase is, does the COC specify which phase(s) is to be analyz tract Laboratory	nation: served? tals? ? ed?	Yes Yes Yes Yes No NA No No			
17. Was 18. Are 19. Is the Field La 20. Werd 20. Werd 21. Does 22. Are 24. Is lai Multiph 26. Does 27. If ye Subcom 28. Are	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pre- sample(s) correctly preserved? b filteration required and/or requested for dissolved me <u>nase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase es, does the COC specify which phase(s) is to be analyz	nation: served? tals? ? ed? ?	Yes Yes Yes Yes No NA No	Subcontract Lab: NA		



Date

envirotech Inc.

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

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5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:

Burton Flat Deep Unit 61H

Work Order: E303016

Job Number: 01058-0007

Received: 3/7/2023

Revision: 0

Report Reviewed By:

Draft Walter Hinchman Laboratory Director 3/7/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 3/7/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Burton Flat Deep Unit 61H Workorder: E303016 Date Received: 3/7/2023 7:00:00AM

Tom Bynum,

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

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

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

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

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

Raina Schwanz

Laboratory Administrator

rainaschwanz@envirotech-inc.com

Office: 505-632-1881

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

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Alexa Michaels

Sample Custody Officer

labadmin@envirotech-inc.com

Office: 505-632-1881

Envirotech Web Address: www.envirotech-inc.com



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Sam	ple	Summary	
Sam	pre	Summary	

		Sample Sum	mai y			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Number: Project Manager:	Burton Flat Deep U 01058-0007 Tom Bynum	Jnit 61H	Reported: 03/07/23 17:13		
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
281	E303016-01A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.	
282	E303016-02A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.	
\$3	E303016-03A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.	
S4	E303016-04A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.	
285	E303016-05A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.	
S6	E303016-06A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.	
87	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.	
2S14	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.	
2S17	E303016-17A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.	
S18	E303016-18A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.	
SW1	E303016-19A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.	
SW2	E303016-20A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.	



		impic D					
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flat Deep U	nit 61H			
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:	
Plains TX, 79355-0247	Project Manage	er: Tom	Bynum	3/7/2023 5:13:01PM			
		CS1					
]	E303016-01					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2310009	
Benzene	ND	0.0250	1	03/06/23	03/07/23		
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23		
Toluene	ND	0.0250	1	03/06/23	03/07/23		
p-Xylene	ND	0.0250	1	03/06/23	03/07/23		
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23		
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23		
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2310009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2310015	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23		
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23		
Surrogate: n-Nonane		87.1 %	50-200	03/07/23	03/07/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2310012	
Chloride	ND	20.0	1	03/07/23	03/07/23		



	50	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010:	ton Flat Deep Uni 58-0007 1 Bynum	t 61H		Reported: 3/7/2023 5:13:01PM
		CS2				
]	E303016-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		84.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



	D.	impic D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flat Deep Uni	t 61H		
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			3/7/2023 5:13:01PM
		CS3				
	-	E303016-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.5 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



	56	impic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010	ton Flat Deep Uni 58-0007 1 Bynum	t 61H		Reported: 3/7/2023 5:13:01PM
		CS4				
		E303016-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2310015	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		76.6 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



	5	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 0103	on Flat Deep Uni 58-0007 Bynum	it 61H		Reported: 3/7/2023 5:13:01PM
		CS5				
		E303016-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: IY			Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: KM			Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



	56	impic D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Bur	ton Flat Deep Uni	t 61H		
PO Box 247	Project Numbe	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manage	er: Tom	n Bynum			3/7/2023 5:13:01PM
		CS6				
]	E303016-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	cg Analyst: IY			Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: KM		Batch: 2310015	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



	D.	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numb Project Manag	er: 0103	on Flat Deep Un 58-0007 Bynum	it 61H		Reported: 3/7/2023 5:13:01PM
		CS7				
		E303016-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		93.0 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



		impic D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Bur	on Flat Deep Uni	t 61H		
PO Box 247	Project Numbe	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manage	er: Tom	Bynum			3/7/2023 5:13:01PM
		CS8				
]	E303016-08				
		Reporting				
Analyte	Result	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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		102 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



		imple D				
Pima Environmental Services-Carlsbad	Project Name:	Bur	ton Flat Deep Uni	it 61H		
PO Box 247	Project Numbe	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	er: Tom	n Bynum			3/7/2023 5:13:01PM
		CS9				
	-	E303016-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		99.5 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name:	Bur	ton Flat Deep Uni	it 61H		
PO Box 247	Project Numbe	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum		3/7/2023 5:13:01PM	
		CS10				
		E303016-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		100 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name:	Bur	on Flat Deep Uni	t 61H		
PO Box 247	Project Numbe	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			3/7/2023 5:13:01PM
		CS11				
		E303016-11				
		Reporting				
Analyte	Result	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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		100 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		on Flat Deep 58-0007	Unit 61H		Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum		3/7/2023 5:13:01PM	
		CS12				
		E303016-12				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: IY			Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: KM			Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		on Flat Deep U1 58-0007		Reported:	
Plains TX, 79355-0247	Project Manag		Bynum	3/7/2023 5:13:01PM		
		CS13				
		E303016-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2310009
Benzene	ND	0.0250	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	03/06/23	03/07/23	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	ng/kg Analyst: IY			Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: KM			Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flat Deep Uni	t 61H		
PO Box 247	Project Numbe	er: 0103	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum		3/7/2023 5:13:01PM	
		CS14				
	-	E303016-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
oluene	ND	0.0250	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		105 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010	ton Flat Deep Uni 58-0007 1 Bynum	t 61H		Reported: 3/7/2023 5:13:01PM
		CS15				
		E303016-15				
		Reporting				
Analyte	Result	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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name:	Burt	on Flat Deep Uni	it 61H		
PO Box 247	Project Numb	er: 0103	58-0007	Reported: 3/7/2023 5:13:01PM		
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			
		CS16				
		E303016-16				
		Reporting				
Analyte	Result	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	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: KM			Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
urrogate: n-Nonane		107 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	g Analyst: BA			Batch: 2310012
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name	: Bur	ton Flat Deep Uni			
PO Box 247	Project Numb	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum		3/7/2023 5:13:01PM	
		CS17				
		E303016-17				
		Reporting				
Analyte	Result	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	
Foluene	ND	0.0250	1	03/06/23	03/07/23	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2310009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: KM			Batch: 2310015
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2310012	
Chloride	ND	20.0	1	03/07/23	03/07/23	


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Pima Environmental Services-Carlsbad	Project Name:	Bur	on Flat Deep Uni	t 61H			
PO Box 247	Project Numbe	er: 010	58-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			3/7/2023 5:13:01PM	
		CS18					
		E303016-18					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	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		
oluene	ND	0.0250	1	03/06/23	03/07/23		
o-Xylene	ND	0.0250	1	03/06/23	03/07/23		
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23		
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23		
urrogate: 4-Bromochlorobenzene-PID		108 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2310009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23		
urrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2310015	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23		
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23		
Surrogate: n-Nonane		99.1 %	50-200	03/07/23	03/07/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310012	
Chloride	ND	20.0	1	03/07/23	03/07/23		



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Pima Environmental Services-Carlsbad	Project Name	: Bur	on Flat Deep Uni	t 61H			
PO Box 247	Project Numb	oer: 010	58-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			3/7/2023 5:13:01PM	
		CSW1					
		E303016-19					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	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		
p-Xylene	ND	0.0250	1	03/06/23	03/07/23		
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23		
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23		
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2310009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2310015	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23		
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23		
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310012	
Chloride	ND	20.0	1	03/07/23	03/07/23		



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Pima Environmental Services-Carlsbad	Project Name:	: Bur	ton Flat Deep Uni	t 61H			
PO Box 247	Project Numb	er: 010	58-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			3/7/2023 5:13:01PM	
		CSW2					
		E303016-20					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	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		
` oluene	ND	0.0250	1	03/06/23	03/07/23		
-Xylene	ND	0.0250	1	03/06/23	03/07/23		
,m-Xylene	ND	0.0500	1	03/06/23	03/07/23		
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23		
urrogate: 4-Bromochlorobenzene-PID		105 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2310009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23		
urrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2310015	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23		
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23		
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310012	
Chloride	ND	20.0	1	03/07/23	03/07/23		



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

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

Page _____ of _____ of _____ by

Client: Pima Environmental Services Project: Burton Flat Deep Unit Lel H	Attention: DENOD						șe Or				TA	and the second state of the second seco	EPA P	rogram
	Address:	-	Lab	WO	bolly		Job	Number	10	20) 3D	Standard	CWA	SDWA
address: 56 14 N. Lovington Hwy.	City, State, Zip		E	600	NIA		010	58-0007	X	_				1
ILV, State, Zip Hobbs NM 88240	Phone:						Anal	sis and Meth	hod					RCRA
none: 580-748-1613	Email:									1		-	-	1
mail: tom@pimaoil.com			015	015			1		1				State	
eport due by:	Pima Project # - 23		by 8	0 by 8	3021	260	010	300.0	VIN	X		X X	UT AZ	TX
Sampled Sampled Matrix No. of Containers Sample ID	, <u> </u>	Lab	DRO/ORO by 8015	GRO/DRO by 8015	8TEX by 8021	VOC by 8260	Metals 6010	Chloride						
:00 3/3/23 S 1 (SI		Number	DRG	GRC	BTE	Voc	Met	Chlo	JUUSa	BGDDC			Remarks	
205 1 1 CSZ		2				-	-		1			-		
.10		3							+	-				
:10 CS3		2		(m)				2.1.2						
		ų	34						11	1				
:20 655		5												
25 CS4		a the state of the					-		+	-				
30 007		6								_	-	-		
		7							11					
:35 CS8		8												100
40 CS9		And the second second		-	H	-	-		+					
11- 4 4		9	_			-				-				
ditional Instructions:		10							1	F				
Killin	#: 21112941										-dd-	4		
Id sampler), attest to the validity and authenticity of this sample. Takes or time of collection is considered fraud and may be grounds for lega	aware that tampering with or intentionally mislabelling	the sample l	ocation	n,		-	Sample	s requiring therma	l presen	ration m	ust be rece	ived on ice the day	they are samp	led or receiv
quished by: (Signature) Date Time	action. Sampled by:/Tuurjana	Denaina	nz	<u> </u>			packed	in ice at an avg ter				°C on subsequent da	ys.	
9(1) 3·6·23 2:00	Matelle Clark	B-6-)3	Time 14	200		Roco	ived on ice:	1	ab t	lse Onl	Ý	ан. 1 ⁹⁴ -	1.1.1
quished by: (Signature) Date Time quished by: (Signature) Date Time	5 Received by: (Signature)	Date	T	Time	5	-		ived on rec.			12 2			
Date Time		3-6-23 Date		Time I	2		<u>T1</u>	100 - 100 -	<u>T2</u>		<u> 11 1. 1</u>	<u>T3</u>	in in	2000
bien 26-23 230	D Digita 200	3/7/23	ľ	7.	66				C'D'		2 4 M. 5 - 1 - 2		, w	3.5.
e Matric S - Soil) Sd Solid Se Studen A					N.		AVG	Temp °C 4	10	. tor. 5.4		· · · · · · · · · · · · · · · · · · ·		e
outpics are distarged 30 days after require	ess other arrangements are made. Hazardous sar	ontainer I	ype:	g - gl	ase) p	- po	ly/pla	istic, ag - am	ber gla	ass, v	- VOA			
les is applicable only to those samples received by the labora	ory with this COC. The liability of the laboratory is	limited to t	he am	nount	paid f	oron	the re	eu or ac ure cr eport.	ient ex	pense	. The re	porcitor the ana	lysis of the	above
						17	-			A AF	0 7 8 5	rot	1000	
						C.S.				V				6

Client: Pima Environmental Services Project: Burton Flatser Unit UIH	Attention: DENON				La	b Ușe O				TAT		EPA Pi	ogram
Project Man ager: Tom Bynum Address: 56 14 N. Lovington Hwy.	Address:		Lab V	NO#	la		Number	1D	2D	3D S	Standard	CWA	SDWA
City, State, Zip Hobbs, NM, 88240	City, State, Zip		1	0-0	1V	Ana	lysis and Metho	A			1		RCRA
hone: 580-748-1613	Phone:						ÍTT			T	-		- noru i
mail: tom@pimaoil.com	Email:		3015	015								State	
Report due by:	Pima Project # 1.23		by 8	by 8	8021	260	300.0	WW	X		NM CO	UT AZ	TX
Sampled Sampled Matrix No. of Containers Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260 Metals 6010	Chloride 300.0	BGDOC	BGDOC T		X	Remarks	
:50 3/3/23 S 1 CSII		IN IN	-	0	8	S E	<u>.</u>	N N	BG	_	1		
3:55 1 1 CS12		12		-	+			N			-		
2:00 CS 12)	13		-	+	-		+					
1:05 15	1	ι <mark>φ</mark>			+			$\left \right $		-			
1:10 0515	5	IS IS				-		$\left \right $					
:15 CS 10	Q	16			1				-		+		
1:20 CS 1-		17		+	+	-			-		1		
1:25 CS 18		18									-		
:30 CSWI		19											
:35 V V CSW2		10		T	T			1	1		-		
ditional Instructions:	lina #: 21/12941	- tt.			-1-			-					
eld sampler), attest to the validity and authenticity of this sample or time of collection is considered fraud and may be grounds fo nquished by ASignature) Date	e. I am aware that tampering with or intentionally mislat	belling the sample lo	ocation,	da		Sample	s requiring thermal pro in ice at an avg temp a	eservatio	on must l	be received	d on ice the day th	ey are sample	d or received
	e Received by: (Signature)	Date	Tin	11 1								· ····	
Inquished by: (Signature) Date	under Sunna	Date	Tim	ne	20		ived on ice:	Ø	/ N			1994 - 19 72	2
nguished by: (Signature) Date Tim		3-6-23 Date		71	S			T2.	12.	<u></u>	T3	de la	at in
le Marine Solo Peri 3-6-3 2	300 JUNE ZIK	3/7/23	Tim	7:00)	AVG	Temp°C 4	D					م. مواديرا
le Matrix: S Sd - Solid, Sg - Sludge, A - Aqueous, O - Other : Samples are discarded 30 days after results are constant	001	Container T	ype g	- glas	p-	poly/pla	astic, ag - amber	glass	, v - V(DA	and the	an a	densit
Samples are discarded 30 days after results are reporte sles is applicable only to those samples received by the la	boratory with this COC. The liability of the laborat	us samples will be	e return	ned to a	client	or dispos	ed of at the client	exper	nse. T	ne repor	t for the analy	sis of the a	bove

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Pima Environmental Services-Carlsbad Da	ate Received:	03/07/23 07	:00	Work Order ID: E303016
Phone:	(575) 631-6977 Da	te Logged In:	03/06/23 14	:50	Logged In By: Alexa Michaels
Email:		ie Date:	03/07/23 17	7:00 (0 day TAT)	
<u>Chain of</u>	Custody (COC)				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location match	the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>
4. Was th	e COC complete, i.e., signatures, dates/times, requested	analyses?	Yes	_	
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
<u>Sample [</u>	<u> Furn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Due to high sample volume for project (
Sample (<u>Cooler</u>				Burton Flat Deep Unit 61H) this has been
7. Was a	sample cooler received?		Yes		separated into 3 workorders. Workorders
8. If yes,	was cooler received in good condition?		Yes		are as follows: E303016; E303017; and
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		E303018.
10. Were	custody/security seals present?		No		2303018.
11. If yes	s, were custody/security seals intact?		NA		
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample ten	nperature: 4°C	2		
	Container		_		
	iqueous VOC samples present?		No		
	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		
	non-VOC samples collected in the correct containers?		Yes		
18. Are n	ion voe samples concelea in the confect containers.				
	appropriate volume/weight or number of sample containers	collected?	Yes		
	appropriate volume/weight or number of sample containers	collected?	Yes		
19. Is the Field La	appropriate volume/weight or number of sample containers		Yes		
19. Is the Field La 20. Were S	appropriate volume/weight or number of sample containers <u>bel</u> field sample labels filled out with the minimum informa- sample ID?		Yes Yes		
19. Is the <u>Field La</u> 20. Were S E	appropriate volume/weight or number of sample containers <u>bel</u> field sample labels filled out with the minimum informa- sample ID? Date/Time Collected?		Yes Yes		
19. Is the <u>Field La</u> 20. Were S C C	appropriate volume/weight or number of sample containers <u>bel</u> field sample labels filled out with the minimum informa Sample ID? Date/Time Collected? Collectors name?		Yes		
19. Is the Field La 20. Were S C C Sample J	appropriate volume/weight or number of sample containers <u>bel</u> field sample labels filled out with the minimum informa Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	ation:	Yes Yes No		
19. Is the Field La 20. Were S E C Sample I 21. Does	appropriate volume/weight or number of sample containers <u>bel</u> field sample labels filled out with the minimum informa- sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> the COC or field labels indicate the samples were prese	ation:	Yes Yes No No		
19. Is the Field La 20. Were S C Sample J 21. Does 22. Are s	appropriate volume/weight or number of sample containers <u>bel</u> field sample labels filled out with the minimum informa- sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> the COC or field labels indicate the samples were prese sample(s) correctly preserved?	ation: vrved?	Yes Yes No No NA		
19. Is the Field La 20. Were S C Sample I 21. Does 22. Are s 24. Is lab	appropriate volume/weight or number of sample containers bel field sample labels filled out with the minimum information fample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were present sample(s) correctly preserved? o filteration required and/or requested for dissolved metal	ation: vrved?	Yes Yes No No		
19. Is the Field La 20. Were S C Sample I 21. Does 22. Are s 24. Is lab Multipha	appropriate volume/weight or number of sample containers bel field sample labels filled out with the minimum information Sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were prese sample(s) correctly preserved? o filteration required and/or requested for dissolved meta ase Sample Matrix	ation: rved? ls?	Yes Yes No No NA No		
19. Is the Field La 20. Were S C Sample I 21. Does 22. Are s 24. Is lab Multipha 26. Does	appropriate volume/weight or number of sample containers bel field sample labels filled out with the minimum information Sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were prese sample(s) correctly preserved? o filteration required and/or requested for dissolved meta ase Sample Matrix the sample have more than one phase, i.e., multiphase?	ation: rved? ls?	Yes Yes No No No No		
19. Is the Field La 20. Were S C Sample J 21. Does 22. Are s 24. Is lab Multiph: 26. Does 27. If yes	appropriate volume/weight or number of sample containers bel field sample labels filled out with the minimum informa- Sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were prese sample(s) correctly preserved? o filteration required and/or requested for dissolved meta ase Sample Matrix the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed	ation: rved? ls?	Yes Yes No No NA No		
19. Is the Field Lai 20. Were S C Sample J 21. Does 22. Are s 24. Is lab Multipha 26. Does 27. If yes	appropriate volume/weight or number of sample containers bel field sample labels filled out with the minimum informa- Sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were prese sample(s) correctly preserved? o filteration required and/or requested for dissolved meta ase Sample Matrix the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed ract Laboratory	ation: rved? ls? 1?	Yes Yes No NA No No		
19. Is the Field Lai 20. Were S C Sample J 21. Does 22. Are s 24. Is lab Multipha 26. Does 27. If yes Subconta 28. Are s	appropriate volume/weight or number of sample containers bel field sample labels filled out with the minimum informa- Sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were prese sample(s) correctly preserved? o filteration required and/or requested for dissolved meta ase Sample Matrix the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed	ation: rved? ls? l?	Yes Yes No No No No No	Subcontract Lab	

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



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5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:

Burton Flat Deep Unit 61H

Work Order: E303017

Job Number: 01058-0007

Received: 3/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/8/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 3/8/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Burton Flat Deep Unit 61H Workorder: E303017 Date Received: 3/7/2023 7:00:00AM

Tom Bynum,

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

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

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

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

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

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com 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

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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Sample	Summary
Sampic	Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Burton Flat Deep U 01058-0007 Tom Bynum	Jnit 61H	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.		
SW9	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.		
2SW17	E303017-15A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.		
2SW18	E303017-16A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.		
SW19	E303017-17A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.		
SW20	E303017-18A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.		
SW21	E303017-19A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.		
SW22	E303017-20A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.		



	~	ampic D				
Pima Environmental Services-Carlsbad	Project Name		on Flat Deep	Unit 61H		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			3/8/2023 1:28:03PM
		CSW3				
		E303017-01				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	atile Organic Compounds by EPA 8260B mg/kg mg/kg					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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.0 %	70-130	03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	.nalyst: IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.0 %	70-130	03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		78.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	.nalyst: BA		Batch: 2310013
Chloride	ND	20.0	1	03/07/23	03/07/23	





		ampic D					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	er: 0105	on Flat De 8-0007 Bynum	eep Unit	61H		Reported: 3/8/2023 1:28:03PM
		CSW4					
		E303017-02					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
p-Xylene	ND	0.0250		1	03/06/23	03/07/23	
p,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		75.1 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



	~	ampic D					
Pima Environmental Services-Carlsbad	Project Name:		on Flat De	eep Unit	61H		B / 1
PO Box 247	Project Number		58-0007 D	Reported:			
Plains TX, 79355-0247	Project Manag	ger: Iom	Bynum				3/8/2023 1:28:03PM
		CSW5					
		E303017-03					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
p-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.5 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		107 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.5 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		107 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		81.8 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



		ampic D					
Pima Environmental Services-Carlsbad	on Flat De	eep Unit	61H				
PO Box 247	Project Numb		Reported:				
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				3/8/2023 1:28:03PM
		CSW6					
		E303017-04					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.3 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.3 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		79.0 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name	Project Name: Burton Flat Deep Unit 61H							
PO Box 247	Project Numb	er: 0105	58-0007	Reported:					
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				3/8/2023 1:28:03PM		
		CSW7							
		E303017-05							
		Reporting							
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2310010		
Benzene	ND	0.0250		1	03/06/23	03/07/23			
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23			
Toluene	ND	0.0250		1	03/06/23	03/07/23			
o-Xylene	ND	0.0250		1	03/06/23	03/07/23			
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23			
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23			
Surrogate: Bromofluorobenzene		93.9 %	70-130		03/06/23	03/07/23			
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		03/06/23	03/07/23			
Jurrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2310010		
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23			
urrogate: Bromofluorobenzene		93.9 %	70-130		03/06/23	03/07/23			
urrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		03/06/23	03/07/23			
urrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2310018		
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23			
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23			
urrogate: n-Nonane		96.2 %	50-200		03/07/23	03/07/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	BA		Batch: 2310013		
Chloride	ND	20.0		1	03/07/23	03/07/23			



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Pima Environmental Services-Carlsbad	Project Name	: Burt	on Flat De				
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				3/8/2023 1:28:03PM
		CSW8					
		E303017-06					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
p-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.0 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		104 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.0 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/06/23	03/07/23	
urrogate: Toluene-d8		104 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		99.7 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numb Project Manag	er: 0105	on Flat De 8-0007 Bynum	eep Unit	61H		Reported: 3/8/2023 1:28:03PM
		CSW9					
		E303017-07					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
p-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.8 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		103 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		93.8 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		103 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		98.9 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name:		on Flat De				
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				3/8/2023 1:28:03PM
		CSW10					
		E303017-08					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
p-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		94.0 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		98.6 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name		on Flat De	eep Unit	61H		
PO Box 247	Project Numb			Reported:			
Plains TX, 79355-0247	Project Mana	ger: Tom		3/8/2023 1:28:03PM			
		CSW11					
		E303017-09					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
oluene	ND	0.0250		1	03/06/23	03/07/23	
-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.8 %	70-130		03/06/23	03/07/23	
urrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.8 %	70-130		03/06/23	03/07/23	
urrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/06/23	03/07/23	
urrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		98.0 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 0105	on Flat De 8-0007 Bynum	eep Unit	61H		Reported: 3/8/2023 1:28:03PM
		CSW12					
		E303017-10					
Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
Anaryte			DI		*	Analyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
p-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.4 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		92.4 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		105 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.6 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name		on Flat De				
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				3/8/2023 1:28:03PM
		CSW13					
		E303017-11					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
p-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		118 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		98.9 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		118 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		98.9 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		98.8 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num		on Flat Dee 58-0007	Reported:			
Plains TX, 79355-0247	Project Mana		Bynum	3/8/2023 1:28:03PM			
Tunio 17, 79555 0247	i iojeet Main		Dynam				5,6,2025 1120105111
		CSW14					
		E303017-12					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250	1	1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250	1	1	03/06/23	03/07/23	
Toluene	ND	0.0250	1	1	03/06/23	03/07/23	
o-Xylene	ND	0.0250	1	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		97.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		98.8 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		97.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		03/06/23	03/07/23	
urrogate: Toluene-d8		98.8 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: RAS			Batch: 2310018	
Diesel Range Organics (C10-C28)	ND	25.0	1	I	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.9 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
Chloride	ND	20.0	1	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		on Flat De 58-0007	eep Unit	61H		Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				3/8/2023 1:28:03PM
		CSW15					
		E303017-13					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		101 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		100 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		101 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		03/06/23	03/07/23	
urrogate: Toluene-d8		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	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
urrogate: n-Nonane		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	



		ample D					
Pima Environmental Services-Carlsbad	Project Name		on Flat De	ep Unit	61H		
PO Box 247	Project Numb		58-0007		Reported:		
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				3/8/2023 1:28:03PM
		CSW16					
		E303017-14					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
p-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		122 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		97.3 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		122 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORC	mg/kg	mg/kg		Analyst: RAS			Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		98.8 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



	b	ample D	ala				
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		on Flat De 58-0007	ep Unit	61H		Reported:
Plains TX, 79355-0247	Project Mana		3/8/2023 1:28:03PM				
		CSW17					
		E303017-15					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
oluene	ND	0.0250		1	03/06/23	03/07/23	
-Xylene	ND	0.0250		1	03/06/23	03/07/23	
,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.7 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		03/06/23	03/07/23	
urrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.7 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		03/06/23	03/07/23	
urrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
urrogate: n-Nonane		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	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		on Flat De	ep Unit	61H		
PO Box 247	Project Numb		58-0007	Reported:			
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				3/8/2023 1:28:03PM
		CSW18					
		E303017-16					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
o-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		121 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.1 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		121 %	70-130		03/06/23	03/07/23	
urrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		100 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name		on Flat De	ep Unit	61H		
PO Box 247	Project Num		58-0007 Bynum	Reported:			
Plains TX, 79355-0247	Project Mana	3/8/2023 1:28:03PM					
		CSW19					
		E303017-17					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
-Xylene	ND	0.0250		1	03/06/23	03/07/23	
,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130		03/06/23	03/07/23	
urrogate: 1,2-Dichloroethane-d4		117 %	70-130		03/06/23	03/07/23	
urrogate: Toluene-d8		103 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130		03/06/23	03/07/23	
urrogate: 1,2-Dichloroethane-d4		117 %	70-130		03/06/23	03/07/23	
urrogate: Toluene-d8		103 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
urrogate: n-Nonane		93.4 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



	5	ample D	aca				
Pima Environmental Services-Carlsbad	Project Name		on Flat De	ep Unit	61H		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				3/8/2023 1:28:03PM
		CSW20					
		E303017-18					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23	
Toluene	ND	0.0250		1	03/06/23	03/07/23	
p-Xylene	ND	0.0250		1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130		03/06/23	03/07/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		03/06/23	03/07/23	
Surrogate: Toluene-d8		101 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
Surrogate: n-Nonane		94.0 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



	5	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name		on Flat De	ep Unit	61H		
PO Box 247	Project Numb		58-0007			Reported:	
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				3/8/2023 1:28:03PM
		CSW21					
		E303017-19					
		Reporting					
Analyte	Result	Limit	Di	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Benzene	ND	0.0250		1	03/06/23	03/07/23	
thylbenzene	ND	0.0250		1	03/06/23	03/07/23	
oluene	ND	0.0250		1	03/06/23	03/07/23	
-Xylene	ND	0.0250		1	03/06/23	03/07/23	
,m-Xylene	ND	0.0500		1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250		1	03/06/23	03/07/23	
Surrogate: Bromofluorobenzene		91.7 %	70-130		03/06/23	03/07/23	
urrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		03/06/23	03/07/23	
urrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2310010
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23	
urrogate: Bromofluorobenzene		91.7 %	70-130		03/06/23	03/07/23	
urrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		03/06/23	03/07/23	
urrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RAS		Batch: 2310018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23	
urrogate: n-Nonane		95.3 %	50-200		03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	BA		Batch: 2310013
Chloride	ND	20.0		1	03/07/23	03/07/23	



	D	ample D	uu					
Pima Environmental Services-Carlsbad	Project Name		on Flat De	ep Unit	61H			
PO Box 247	Project Numb		58-0007	Reported:				
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				3/8/2023 1:28:03PM	
		CSW22						
		E303017-20						
		Reporting						
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010	
Benzene	ND	0.0250		1	03/06/23	03/07/23		
Ethylbenzene	ND	0.0250		1	03/06/23	03/07/23		
Toluene	ND	0.0250		1	03/06/23	03/07/23		
p-Xylene	ND	0.0250		1	03/06/23	03/07/23		
o,m-Xylene	ND	0.0500		1	03/06/23	03/07/23		
Fotal Xylenes	ND	0.0250		1	03/06/23	03/07/23		
Surrogate: Bromofluorobenzene		94.1 %	70-130		03/06/23	03/07/23		
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/06/23	03/07/23		
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2310010	
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/06/23	03/07/23		
Surrogate: Bromofluorobenzene		94.1 %	70-130		03/06/23	03/07/23		
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/06/23	03/07/23		
Surrogate: Toluene-d8		106 %	70-130		03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2310018	
Diesel Range Organics (C10-C28)	ND	25.0		1	03/07/23	03/07/23		
Dil Range Organics (C28-C36)	ND	50.0		1	03/07/23	03/07/23		
Surrogate: n-Nonane		99.6 %	50-200		03/07/23	03/07/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2310013	
Chloride	ND	20.0		1	03/07/23	03/07/23		



QC Summary Data

Pima Environmental Services-Carlsbad		Project Name:		rton Flat Dee	ep Unit 61H	ł			Reported:
PO Box 247		Project Number:		058-0007					
Plains TX, 79355-0247		Project Manager:	То	om Bynum					3/8/2023 1:28:03PM
		Volatile Organic	Compo	unds by El	PA 8260E	3			Analyst: IY
Analyte	D l	Reporting Limit	Spike	Source Result	D	Rec	RPD	RPD Limit	
	Result mg/kg	mg/kg	Level mg/kg	mg/kg	Rec %	Limits %	KPD %	%	Notes
RI L (2210010 RI 1/1)							D 1.0		1 1.02/07/22
Blank (2310010-BLK1)	ND	0.0250					Prepared: 0.	3/06/23 An	alyzed: 03/07/23
Benzene		0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-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: 0	3/06/23 An	alyzed: 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			
p-Xylene	2.34	0.0250	2.50		93.7	70-130			
	4.64		5.00		92.8	70-130			
p,m-Xylene	6.98	0.0500 0.0250	7.50		93.1	70-130			
Total Xylenes		0.0230				70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102				
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-()1	Prepared: 0	3/06/23 An	alyzed: 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			
p-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-()1	Prepared: 0	3/06/23 An	alyzed: 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	2.30	24	
	2.28	0.0250	2.50	ND	94.4	43-135	2.32	24	
p-Xylene									
	4.66	0.0500	5.00	ND	93.3	43-135	3.03	27	
p,m-Xylene		0.0250	7.50	ND	93.7	43-135	2.92	27	
Total Xylenes	7.03	0.0230							
	0.501	0.0250	0.500		100	70-130			
Total Xylenes		0.0250			100 99.8	70-130 70-130			



QC Summary Data

		L		ary Dut	<u> </u>				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Burton Flat Dee 01058-0007 Tom Bynum	p Unit 61H	I			Reported: 3/8/2023 1:28:03PM
	N	onhalogenated O	rganic	s by EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits %	RPD	RPD Limit %	Neter
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2310010-BLK1)							Prepared: 0	3/06/23	Analyzed: 03/07/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.461		0.500		92.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			
LCS (2310010-BS2)							Prepared: 0	3/06/23	Analyzed: 03/07/23
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
Matrix Spike (2310010-MS2)				Source:	E303017-(01	Prepared: 0	3/06/23	Analyzed: 03/07/23
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
Matrix Spike Dup (2310010-MSD2)				Source:	E303017-(01	Prepared: 0	3/06/23	Analyzed: 03/07/23
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130	4.73	20	
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
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

		$\mathbf{x} \in \mathbf{S}$		ary Date					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Burton Flat Dee 01058-0007	p Unit 611	H			Reported:
Plains TX, 79355-0247		Project Manager:		Tom Bynum					3/8/2023 1:28:03PM
	Nonh	alogenated Org	anics b	y EPA 8015I) - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2310018-BLK1)							Prepared: 0	3/07/23 A	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: 0	3/07/23 A	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: 0	3/07/23 A	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: 0	3/07/23 A	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

		$\mathbf{x} \in \mathbf{z}$	••••••							
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Burton Flat Dee 01058-0007 Tom Bynum	ep Unit 61H	I			Repo 3/8/2023 1	
		Anions	by EPA	300.0/9056	4				Analyst:	BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	N	lotes
Blank (2310013-BLK1)							Prepared: 0	3/07/23 A	Analyzed: 03	3/07/23
Chloride	ND	20.0								
LCS (2310013-BS1)							Prepared: 0	3/07/23 A	Analyzed: 03	3/07/23
Chloride	252	20.0	250		101	90-110				
Matrix Spike (2310013-MS1)				Source:	E303017-1	10	Prepared: 0	3/07/23 A	Analyzed: 03	3/07/23
Chloride	253	20.0	250	ND	101	80-120				
Matrix Spike Dup (2310013-MSD1)				Source:	E303017-1	10	Prepared: 0	3/07/23 A	Analyzed: 03	3/07/23
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.


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

ND	Analyte NOT DETECTED at or above the reporting limit
	· · · · · · · · · · · · · · · · · · ·

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project Information

Page 3 of 9

Client: Pima En Project: Burth	FIAt ha	PUNIDO	ces In H	Attention: Devon		1	_	La	ab U	se Or	nly		_		TA	Г	EPA P	rogram
Address: 56 14	N. Lovina	ton Hwy		Address: City, State, Zip		Lab	WO#	#017		0103	Numbe	700		2D	3D	Standard	CWA	SDWA
City, State, Zip I Phone: 580–748 Email: tom@p	3-1613) 	Phone: Email:		8015	3015			Analy	sis and	Method			Π		State	RCRA
Report due by: Time Date	1			Pima Project # 1-231		o by	o by §	8021	260	010	300.0		WN	¥		NM CO	UT AZ	TX
Sampled Sampled	1	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		BGDOC	BGDOC			Remarks	
9:40 3/3/23	S	1	CSW3		1					-			X	-				
q:45	1-1-		CSW4		2								1					
9:50			CSW 5		3								T					
9:55			CSWG		4	i.							T					
10:00			CSW7		٢													
10:05			CSW 8		6													
10'ID			CSW9		7													
0:15		The second second second	CSW 10		8													
0:20	-		CSW11		9													
Additional Instruc	tions:		CSW12	<u> </u>	l)o								-			9		
(field sampler), attest to	the validity a	nd authentici	vof this sample lam a	Ino #: 21/12941 ware thay tampering with or intentionally mislabel	ing the same la l	. entire			In							- the first sector of the sect		
ate or time of collection		Date	Time	tion. Sampled by: Aulnand	Benanc	US	7		P	backed i	n ice at an a	nermal pre avg temp al	bove O	but less	s than 6 °C	ed on ice the day t on subsequent day	hey are sampled /s.	d or received
elinquished by: (Signa	morely	3-6	23 2:00 23 175		Date 3-6-20 Date	<u>)</u> т	Time 14 Time	(2)		Recei	ved on	4 4	8	/ N	e Only		ана 20-е 10-е 10-е	
elinguished by: (Signa	ture	Date 3-6	23 Z30	Received by: (Signature)	Date 3/7/23	Т	īme 7:(00		1 <u>.</u>	`emp`°(C 1		<u>, 1, 1, 1</u> 1, 1, 1, 1 1, 1, 1	<u>T3</u>		
mple Matrix 5 - Soil, d ote: Samples are disca mples is applicable or	irded 30 dav	s after resul	to are reported uslas	s other arrangements are made. Hazardous y with this COC. The liability of the laboratory	Container T	ype retur	g - gla	isa,p	- poh	y/plas	tic, ag -	amber ne client	glass expe	s, v - \ nse.	/OA The repo	ort for the analy	ysis of the al	oove
				The laboratory	is limited to t	he am	ount	paid fo	or on t	the rep	JOIL.						-	
				_	(1.1	1			HIN HIN	M.		ot	6(ch
				Page 31 o	51 33													

Project Information

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Client: Pima Envi Project: Burton	rlat	1000111	ces n+LIU	1	Attention: Dev DN		Γ		L	ab Us	se Or	nly				TA	r	EPA P	rogram
in olect Man ager:	I OM BU	num			Address:		Lab	WO:	#	10		Numb		1D X	2D	3D	Standard	CWA	SDWA
Address: 56 14 N.	Lovingt	on Hwy			City, State, Zip		E	503	017	1	Q05	28-0	700	X				1	
City, State, Zip Ho	bbs. NI	M. 88240)		Phone:						Analy	sis an	d Metho	bd					RCRA
Phone: 580-748-	1613	10000			Email:		1.1												-
Email: tom@pin	naoil.com	n		1.1	the second s		015	015										State	
Report due by:					Pima Project # 1-231		oy 8	oy 8(21	0	0	0.0		5			NM CO	UT AZ	TX
Time Date		No. of	1		1201	I mar and	RO	RO	y 80	826	601	e 30		NN	¥		X	UT AZ	
Sampled Sampled	Matrix	Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
10:30 3/3 /23	S		CSW	13		II.								X				2	
10:35	1	1	CSW	14		12								1			-		-
10:40			CSW/	15		13				-							-		
10:45			CSW/	1.10		14			-			-	-	\mathbb{H}	-		-		
10:50			CSIN/	17		1				-		-	-	++	-				
10:55			1120	18		<u> </u>	-	-	-			-	-	+	-			×	
11:00			OCI /	10		<u> 6</u> 17	-			-		-	_				_		
11:05			COL	19		1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		-		-	_	_	-						
11-10			CSW	20		18	-	-											
	*	- The	SW	21		19			_										
Additional Instruction			SW	22		20								-			1		
		d authentici	her of the second second	P	illing #: 21/120	741													
ate or time of collection is c elinquished by fignatu	considered f	raud and ma	be grounds for	legal action		ling the sample li Benani	de	ie	>	s p	iamples lacked i	requiring n ice at a	thermal provident the state of	reservat above 0	ion mus but les	t be receiv s than 6 °C	red on ice the day t on subsequent day	ney are sample rs.	d or received
elinquished by Signatu	re)	R.10	.23 2	:00	Midle (Signature)	Je 2	3	me	00	F	1.4.4	ved o	n ice:	La	b Us	e Only			
Miculu Cuy elingaished by: (Signatu	5	Date	20 1	715	Received by: (Signature)	Date 3-6-2	3	ime /7	15	-	1			T2			тэ		
harenzoy	leri	Date 3-6		300	Received by: (Signature)	Date 3723	Т	ime 71	00		. S		°c 41		1 12 12 12 12 12 12 12 12 12 12 12 12 12	Y	. <u>T3.</u>		1000 - 10000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1
mple Matrix: - Soll, Sil - Si	olid, Sg - Slu	dge, A - Aque	ous, 0 - Other_		1 0 0 0 0			a al	J-	P	ive I	emp	<u>C 11</u>	- in the	. in		en e	Sec.	S. B. Caller
mples is applicable only	ed 30 days to those s	after result amples rece	is are reported ived by the lab	l unless of poratory v	her arrangements are made. Hazardous ith this COC. The liability of the laborator	Container T samples will be	e retur	med to	o clier	- poly	ispose	ed of at	- ambe the clien	r glas: it expe	s, v - N ense.	The rep	ort for the anal	ysis of the a	bove
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										1	-			and a	V		ot		G
					Page 32 o	of 33													

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client: Pima	a Environmental Services-Carlsbad	Date Received:	03/07/23 07	7:00	Work Order ID:	E303017
Phone: (575	5) 631-6977	Date Logged In:	03/06/23 14	4:56	Logged In By:	Alexa Michaels
Email: tom	@pimaoil.com	Due Date:	03/07/23 1	7:00 (0 day TAT)		
Chain of Cust	ody (COC)					
1. Does the sar	nple ID match the COC?		Yes			
2. Does the nur	mber of samples per sampling site locatio	n match the COC	Yes			
3. Were sample	es dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the CO	C complete, i.e., signatures, dates/times, r	equested analyses?	Yes	_		
Note	nples received within holding time? e: Analysis, such as pH which should be condu 15 minute hold time, are not included in this dis		Yes		Comme	nts/Resolution
<u>Sample Turn 4</u>	Around Time (TAT)					
6. Did the COO	C indicate standard TAT, or Expedited TA	Г?	Yes		Due to high sample vo	
Sample Coole	<u>r</u>				Burton Flat Deep Unit	61H) this has been
7. Was a sampl	le cooler received?		Yes		separated into 3 worko	rders. Workorders
8. If yes, was c	cooler received in good condition?		Yes		are as follows: E30301	
9. Was the sam	ple(s) received intact, i.e., not broken?		Yes		E303018.	-,, unu
10. Were custo	dy/security seals present?		No		E505018.	
11. If yes, were	e custody/security seals intact?		NA			
Note	ple received on ice? If yes, the recorded temp is e: Thermal preservation is not required, if samp utes of sampling		Yes			
	e ice, record the temperature. Actual sa	mple temperature: 4°	Ċ			
Sample Conta	-	1				
	us VOC samples present?		No			
	amples collected in VOA Vials?		NA			
	space less than 6-8 mm (pea sized or less)?	NA			
	blank (TB) included for VOC analyses?	, ,	NA			
-	OC samples collected in the correct conta	iners?	Yes			
19. Is the approp	priate volume/weight or number of sample c	ontainers collected?	Yes			
<u>Field Label</u>						
20. Were field	sample labels filled out with the minimum	n information:				
Sample			Yes			
	ime Collected?		Yes			
	tors name?		No			
Sample Preser 21 Does the C	Vation [OC or field labels indicate the samples w	ere preserved?	No			
	e(s) correctly preserved?	ere preserveu:	NA			
	ation required and/or requested for dissol ¹	ved metals?	No			
			110			
Multiphase Sa	ample Matrix_ ample have more than one phase, i.e., mul	tinhase?	Na			
	s the COC specify which phase(s) is to be	-	No			
•		anatyzou:	NA			
Subcontract L			3.7			
28. Are sample	es required to get sent to a subcontract lab	oratory?	No			
20 11/- 1	ontract laboratory specified by the client		NA	Subcontract Lab	37.4	

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



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5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:

Burton Flat Deep Unit 61H

Work Order: E303018

Job Number: 01058-0007

Received: 3/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/8/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 3/8/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Burton Flat Deep Unit 61H Workorder: E303018 Date Received: 3/7/2023 7:00:00AM

Tom Bynum,

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

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

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

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

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

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com 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

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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Chain of Custody etc.

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Sample Summarv

		Sample Sum	mary		
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	Burton Flat Deep U 01058-0007	Jnit 61H	Reported:
Plains TX, 79355-0247		Project Manager:	Tom Bynum		03/08/23 13:29
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW23	E303018-01A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW24	E303018-02A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW25	E303018-03A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW26	E303018-04A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW27	E303018-05A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW28	E303018-06A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW29	E303018-07A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW30	E303018-08A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW31	E303018-09A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW32	E303018-10A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW33	E303018-11A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW34	E303018-12A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW35	E303018-13A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.
SW36	E303018-14A	Soil	03/03/23	03/07/23	Glass Jar, 2 oz.



	D	ampic D	ata			
Pima Environmental Services-Carlsbad	Project Name		ton Flat Deep Un	it 61H		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			3/8/2023 1:29:57PM
		CSW23				
		E303018-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
oluene	ND	0.0250	1	03/06/23	03/07/23	
-Xylene	ND	0.0250	1	03/06/23	03/07/23	
,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
urrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	70-130	03/06/23	03/07/23	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
urrogate: n-Nonane		78.6 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



		ample D				
Pima Environmental Services-Carlsbad	Project Name:	Burt	ton Flat Deep Uni	t 61H		
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum	3/8/2023 1:29:57PM		
		CSW24				
		E303018-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	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	
oluene	ND	0.0250	1	03/06/23	03/07/23	
-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
urrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.6 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		76.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



		ampie D				
Pima Environmental Services-Carlsbad	Project Name:	Bur	ton Flat Deep Uni	t 61H		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum	3/8/2023 1:29:57PM		
		CSW25				
		E303018-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
oluene	ND	0.0250	1	03/06/23	03/07/23	
-Xylene	ND	0.0250	1	03/06/23	03/07/23	
,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
urrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		80.2 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numl Project Mana	ber: 010	ton Flat Deep Uni 58-0007 1 Bynum	t 61H		Reported: 3/8/2023 1:29:57PM
		CSW26				
		E303018-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		99.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name	e: Bur	ton Flat Deep Uni	t 61H		
PO Box 247	Project Numl	ber: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Mana	nger: Tom	n Bynum		3/8/2023 1:29:57PM	
		CSW27				
		E303018-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
oluene	ND	0.0250	1	03/06/23	03/07/23	
-Xylene	ND	0.0250	1	03/06/23	03/07/23	
,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
urrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	ıt: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		87.4 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
'urrogate: n-Nonane		104 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name	: Bur	on Flat Deep Uni			
PO Box 247	Project Numb	oer: 010		Reported:		
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum	3/8/2023 1:29:57PM		
		CSW28				
		E303018-06				
		Reporting				
Analyte	Result	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	250 1 03/06/		03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name:	: Bur	on Flat Deep Uni				
PO Box 247	Project Numb	er: 010	58-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum	3/8/2023 1:29:57PM			
		CSW29					
		E303018-07					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	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		
p-Xylene	ND	0.0250	1	03/06/23	03/07/23		
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23		
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23		
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2310011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: RAS		Batch: 2310021	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23		
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23		
Surrogate: n-Nonane		101 %	50-200	03/07/23	03/07/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2310014	
Chloride	ND	20.0	1	03/07/23	03/07/23		



	5	ampic D	ata			
Pima Environmental Services-Carlsbad	Project Name	: Bur	on Flat Deep Uni			
PO Box 247	Project Numb	oer: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tor	Bynum		3/8/2023 1:29:57PM	
		CSW30				
		E303018-08				
		Reporting				
Analyte	Result	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	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: RAS			Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		97.1 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



Pima Environmental Services-Carlsbad	Project Name		ton Flat Deep Uni			
PO Box 247	Project Numb	er: 010			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum	3/8/2023 1:29:57PM		
		CSW31				
		E303018-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		99.9 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name:	Burt	ton Flat Deep Uni			
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum	3/8/2023 1:29:57PM		
		CSW32				
		E303018-10				
		Reporting				
Analyte	Result	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	
` oluene	ND	0.0250	1	03/06/23	03/07/23	
-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
urrogate: 4-Bromochlorobenzene-PID		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	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		103 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		on Flat Deep Un 58-0007		Reported:	
Plains TX, 79355-0247	5		Bynum	3/8/2023 1:29:57PM		
		CSW33				
		E303018-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	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	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
urrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
urrogate: n-Nonane		100 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



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Pima Environmental Services-Carlsbad	Project Name	: Bur	on Flat Deep Un				
PO Box 247	Project Numb	oer: 010	58-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum		3/8/2023 1:29:57PM		
		CSW34					
		E303018-12					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		
p-Xylene	ND	0.0250	1	03/06/23	03/07/23		
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23		
Fotal Xylenes	ND	0.0250	1	03/06/23	03/07/23		
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2310011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	03/06/23	03/07/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: RAS		Batch: 2310021	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23		
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23		
Surrogate: n-Nonane		99.7 %	50-200	03/07/23	03/07/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2310014	
Chloride	ND	20.0	1	03/07/23	03/07/23		



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name:Burton Flat Deep Unit ofProject Number:01058-0007Project Manager:Tom Bynum			it 61H		Reported: 3/8/2023 1:29:57PM
		CSW35				
		E303018-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	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	
p-Xylene	ND	0.0250	1	03/06/23	03/07/23	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		84.6 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



	5		ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numł Project Mana	ber: 010	ton Flat Deep Uni 58-0007 1 Bynum	Reported: 3/8/2023 1:29:57PM		
		CSW36				
		E303018-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	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	
o,m-Xylene	ND	0.0500	1	03/06/23	03/07/23	
Total Xylenes	ND	0.0250	1	03/06/23	03/07/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2310011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/23	03/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	03/06/23	03/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: RAS		Batch: 2310021
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/23	03/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	03/07/23	03/07/23	
Surrogate: n-Nonane		81.5 %	50-200	03/07/23	03/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2310014
Chloride	ND	20.0	1	03/07/23	03/07/23	



QC Summary Data

Reported: 3/8/2023 1:29:57P Analyst: IY Analyst: IY D Limit % Notes d: 03/06/23 Analyzed: 03/07/23 d: 03/06/23 Analyzed: 03/08/23
Analyst: IY P Limit % Notes d: 03/06/23 Analyzed: 03/07/23
RPD D Limit % Notes d: 03/06/23 Analyzed: 03/07/23
D Limit % Notes d: 03/06/23 Analyzed: 03/07/23
d: 03/06/23 Analyzed: 03/07/23
d: 03/06/23 Analyzed: 03/08/23
d: 03/06/23 Analyzed: 03/08/23
d: 03/06/23 Analyzed: 03/08/23
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QC Summary Data

		QU D	u 111111	ary Date					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Burton Flat Dee)1058-0007	p Unit 611	Η			Reported:
Plains TX, 79355-0247		Project Manager:		Гот Bynum					3/8/2023 1:29:57PM
	No	nhalogenated C	Organics	s by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2310011-BLK1)							Prepared: 0	3/06/23 A	nalyzed: 03/07/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			
LCS (2310011-BS2)							Prepared: 0	3/06/23 A	nalyzed: 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: 0	3/06/23 A	nalyzed: 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: 0	3/06/23 A	nalyzed: 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

		$\mathbf{x} \in \mathbf{v}$		Iury Duc					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Burton Flat Dec 01058-0007	ep Unit 611	Η			Reported: 3/8/2023 1:29:57PM
Plains TX, 79355-0247		Project Manager:		Tom Bynum					3/8/2023 1:29:37PM
	Nonh	alogenated Org	anics b	y EPA 8015I	D - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2310021-BLK1)							Prepared: 0	3/07/23 A	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: 0	3/07/23 A	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: 0	3/07/23 A	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: 0	3/07/23 A	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		Project Name:		Burton Flat Dee	p Unit 61H	I			Reported:
PO Box 247		Project Number:		01058-0007					
Plains TX, 79355-0247		Project Manager:		Tom Bynum					3/8/2023 1:29:57PM
		Anions	by EPA	300.0/9056	۱.				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2310014-BLK1)							Prepared: 0	3/07/23 A	Analyzed: 03/07/23
Chloride	ND	20.0							
LCS (2310014-BS1)							Prepared: 0	3/07/23 A	Analyzed: 03/07/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2310014-MS1)				Source:	E303018-(3	Prepared: 0	3/07/23 A	Analyzed: 03/07/23
Chloride	254	20.0	250	ND	101	80-120			
Matrix Spike Dup (2310014-MSD1)				Source:	E303018-(13	Prepared: 0	3/07/23 A	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.



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

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

Page 5 of Ged

iect: Burton Flat perp: Unit uit Attention: Devon						se Or	ly	T			TA	Т	EPA P	rogram
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ne: 580-748-1613 Email:		8015	10	1									State	
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		yd O	yd C	8021	260	010	300.		MN	XL		X	DIAL	
pled Sampled Matrix Containers Sample ID	Lab	DRO/ORO bý	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
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emples are discarded 30 days after results are reported unless other arrangements are made. Hazardous sar is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is	nples will be	e retu	med	to clie	nt or	dispos	ed of at the o	lient	expe	nse.	The rep	port for the ana	lysis of the	above
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.10	11						Number	DRO	GRO	BTEX	voc	Meta	Chlor		BGDOC	BGDOC			Remarks	
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is appl	icable only	to those sa	after result	ts are reported unles	s other arrangements are r ry with this COC. The liabili	made. Hazardous sa	mples will be	return	ned to	clien	t or di	spose	d of at th	e client	glass, exper	v-v	be repor	t for the anal	vsis of the a	hova
			inples lete	ived by the laborato	s other arrangements are r ny with this COC. The liabili	ty of the laboratory is	s limited to th	ne amo	ount p	baid fo	r on th	he rep	ort.		super		nerepor	c for the anal	ysis of the a	DOVE

S

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad Da	ate Received:	03/07/23 0	7:00	Work Order ID:	E303018
Phone:	(575) 631-6977 Da	ate Logged In:	03/06/23 1	4:56	Logged In By:	Alexa Michaels
Email:		ue Date:	03/07/23 1	7:00 (0 day TAT)		
Chain of	f Custody (COC)					
1. Does t	the sample ID match the COC?		Yes			
	the number of samples per sampling site location match	the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes	=		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the	e field,	Yes		Commo	nts/Resolution
~	i.e, 15 minute hold time, are not included in this disucssion.			1	<u>Comme</u>	nts/Resolution
-	Turn Around Time (TAT)		37		Due to high sample vo	lume for project (
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (37		Burton Flat Deep Unit	,
	sample cooler received?		Yes		separated into 3 worke	orders. Workorders
-	was cooler received in good condition?		Yes		are as follows: E3030	16; E303017; and
	ne sample(s) received intact, i.e., not broken?		Yes		E303018.	
	e custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of sampling	·	Yes			
13. If no	visible ice, record the temperature. Actual sample ter	nperature: <u>4°</u>	<u>C</u>			
Sample	Container					
-	aqueous VOC samples present?		No			
15. Are V	VOC samples collected in VOA Vials?		NA			
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
18. Are r	non-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample containers	s collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes	· · · · ·		
-			No			
	<u>Preservation</u> the COC or field labels indicate the samples were prese	erved?	No			
	sample(s) correctly preserved?		NA			
	o filteration required and/or requested for dissolved meta	als?	No			
	• •	*10 i	110			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphase?		No			
27. If yes	s, does the COC specify which phase(s) is to be analyzed	u:	NA			
	ract Laboratory					
28. Are s	samples required to get sent to a subcontract laboratory?		No			
	a subcontract laboratory specified by the client and if so		NA			

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



•

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

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

District III

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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	198631
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By Condition

We have received your closure report and final C-141 for Incident #NAPP2300654469 BURTON FLAT DEEP UNIT #61H, thank you. This closure is approved. 7/31/2023 rhamlet

CONDITIONS

Action 198631

Condition Date