Incident ID	NJMW1302251869
District RP	
Facility ID	
Application ID	

# Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;100'</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 X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes X No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes k No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes No
Are the lateral extents of the release within a 100-year floodplain?	Yes No
Did the release impact areas <b>not</b> 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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well	is.

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: 9/5/2023 7:01:57 AM State of New Mexico
Page 4 Oil Conservation Division

	Page 2 0j 19
Incident ID	NJMW1302251869
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endange 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						
Printed Name:Dale Woodall	Date: 9/5/2023						
email:dale.woodall@dvn.com	Telephone:575-748-1838						
OCD Only							
Received by:	Date:						

Page 3 of 197

Incident ID	NJMW1302251869
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 line must be notified 2 days prior to liner inspection)	er integrity if applicable (Note: appropriate OCD District office
X Laboratory analyses of final sampling (Note: appropriate ODC District of	office must be notified 2 days prior to final sampling)
Description of remediation activities	
I hereby certify that the information given above is true and complete to the beand regulations all operators are required to report and/or file certain release may endanger public health or the environment. The acceptance of a C-141 reshould their operations have failed to adequately investigate and remediate compliance with any other federal, state, or local laws and/or regulations. The restore, reclaim, and re-vegetate the impacted surface area to the conditions the accordance with 19.15.29.13 NMAC including notification to the OCD when Printed Name:  Dale Woodall  Title:	otifications and perform corrective actions for releases which eport by the OCD does not relieve the operator of liability intamination that pose a threat to groundwater, surface water, port does not relieve the operator of responsibility for e responsible party acknowledges they must substantially at existed prior to the release or their final land use in reclamation and re-vegetation are complete.  Environmental Professional
Signature: Dals Woodall Date:	9/5/2023
email:dale.woodall@dvn.com Telephone:	575-748-1838
OCD Only	
Received by: D	ate:
Closure approval by the OCD does not relieve the responsible party of liability remediate contamination that poses a threat to groundwater, surface water, hum party of compliance with any other federal, state, or local laws and/or regulati	nan health, or the environment nor does not relieve the responsible
Closure Approved by:	Date:
Printed Name:	Title:



August 28, 2023

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

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

Re: Site Assessment, Remediation, and Closure Report

Strawberry 7 Federal #2 API No. 30-015-32375

GPS: Latitude 32.6784612 Longitude -103.9052978

UL- B, Sec. 7, T19S, R31E Eddy County, NM

NMOCD Incident ID NJMW1302251869

Devon Energy Production Company (Devon) has contracted Pima Environmental Services LLC (Pima), to perform a spill assessment, remediation, and submit a closure report for an oil release that occurred at the Strawberry 7 Federal 2H (Strawberry). The initial C-141 was submitted on January 14, 2013 (Appendix C). This was assigned with Incident ID NJMW1302251869, by the New Mexico Oil Conservation Division (NMOCD).

#### **Site Characterization**

The Strawberry is located approximately twenty-five (25) miles northeast of Carlsbad, NM. This spill site is in Unit B, Section 7, Township 19S, Range 31E, Latitude 32.6784612, Longitude -103.9052978, Eddy County, NM. Figure 1 references a location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation- Piedmont alluvial deposits (Holocene to lower Pleistocene)-includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits (QP). The soil in this area is made up of Potter-Simona complex, 5 to 25 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present in the area of the Strawberry (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 180 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is greater than 100 feet BGS. The closest waterway and is a playa located approximately 1.45 miles to the northwest of this location. See Appendix A for referenced water surveys.

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

Reference Figure 2 for a Topographic Map.

#### **Release Information**

<u>NJMW1302251869</u>: On January 13, 2013, a back valve on a frac tank was left open causing approximately 35 barrels of oil to spill. The released fluids were calculated to be approximately 35 barrels (bbls) of oil. A vacuum truck was called and approximately 32 bbls of oil were recovered.

#### **Site Assessment and Soil Sampling Results**

On July 14, 2020, Pima Environmental mobilized personnel to the site to assess the area. Because this spill happened in 2013 during a workover, there was not a clear area where the frac tank was located, we grid sampled the entire location. Laboratory results of this sampling event can be found in the following data table. A Site map can be found in Figure 4.

7-14-20 Soil Sample Results

	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')									
Sample Date 7-14-20	e	NM Approved Laboratory Results								
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg		
	0-6"	ND	ND	ND	ND	ND	ND	12000		
C 1	1	ND	ND	ND	ND	ND	ND	2300		
S-1	2	ND	ND	ND	ND	ND	ND	580		
	3	ND	ND	ND	ND	ND	ND	93		
S-2	0-6"-R	ND	ND	ND	ND	ND	ND	ND		
	0-6"	ND	ND	ND	ND	ND	ND	710		
	1	ND	ND	ND	ND	ND	ND	450		
S-3	2	ND	ND	ND	ND	ND	ND	390		
	3	ND	ND	ND	ND	ND	ND	260		
	0-6"	ND	ND	ND	ND	ND	ND	2400		
S-4	1-R	ND	ND	ND	ND	ND	ND	1200		
S-5	0-6"-R	ND	ND	ND	ND	ND	ND	140		
S-6	0-6"-R	ND	ND	ND	27	54	81	1900		
S-7	0-6"-R	ND	ND	ND	20	110	130	200		
S-8	0-6"-R	ND	ND	ND	ND	ND	ND	240		
S-9	0-6"-R	ND	ND	ND	17	ND	17	20000		
	0-6"	ND	ND	ND	ND	ND	ND	120		
S-10	1	ND	ND	ND	44	120	164	140		
	0-6"	ND	ND	ND	3800	2100	5900	7500		
S-11	1	ND	ND	ND	24	88	112	100		
	0-6"	ND	ND	ND	ND	ND	ND	ND		
S-12	1	ND	ND	ND	ND	ND	ND	ND		
0.40	0-6"	ND	ND	ND	ND	ND	ND	150		
S-13	1	ND	ND	ND	ND	ND	ND	ND		
0.14	0-6"	ND	ND	ND	17	62	79	64		
S-14	1	ND	ND	ND	17	58	75	ND		

ND-Analyte Non-Detect

#### **Remediation Activities**

On August 18, 2020, Pima mobilized personnel and equipment to conduct remedial activities. In the vicinity of S-9 we excavated an area of 50'x20' 1-foot BGS. Bottom and sidewall composite samples were obtained to ensure that the horizontal extents of the contamination had been removed. Flow lines ran parallel on the north side of the excavation and samples were taken on the other side of them labeled N. Line 1-3 to also prove that the horizontal extent did not extend past our excavation. Each composite sample was representative of no more than 200 square feet. The laboratory results of this sampling event can be found in the following data table.

8-18-2020 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample ID S-9 Exca 8-18-20	avation	on NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-9 Bottom Composite 1	1	ND	ND	ND	ND	ND	ND	608
Bottom Comp 2	1	ND	ND	ND	ND	ND	ND	832
Bottom Comp 3	1	ND	ND	ND	ND	ND	ND	448
Bottom Comp 4	1	ND	ND	ND	15.9	ND	15.9	1180
Bottom Comp 5	1	ND	ND	ND	ND	ND	ND	2080
Bottom Comp 6	1	ND	ND	ND	ND	ND	ND	432
N. Sidewall Comp 1	1	ND	ND	ND	ND	ND	ND	688
N. Sidewall Comp 2	1	ND	ND	ND	ND	ND	ND	1220
S. Sidewall Comp 1	1	ND	ND	ND	ND	ND	ND	1180
S. Sidewall Comp 2	1	ND	ND	ND	ND	ND	ND	2880
S. Sidewall Comp 3	1	ND	ND	ND	ND	ND	ND	1020
E. Sidewall Comp	1	ND	ND	ND	ND	ND	ND	608
W. Sidewall Comp	1	ND	ND	ND	ND	ND	ND	880
N. Line 1	1	ND	ND	ND	ND	ND	ND	128
N. Line 2	1	ND	ND	ND	ND	ND	ND	640
N. Line 3	1	ND	ND	ND	ND	ND	ND	528

ND- Analyte Not-Detected

On August 19, 2020, Pima returned to continue remedial activities. In the vicinity of S-11 we excavated an area of 15'x15' 1-foot BGS. Sidewall samples were obtained to ensure the horizontal extents of the contamination had been removed. Each composite sample was representative of no more than 200 square feet. The laboratory results of this sampling event can be found in the following data table.

8-19-2020 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')									
DEVON ENERGY - STRAWBERRY 7 FEDERAL 2H									
Sample Date: 8/19/2020 NM Approved Laboratory Results									
Sample ID	Depth (BGS)								
S-11 N. Sidewall Composite	1'	ND	ND	ND	ND	ND	0	304	
S. Sidewall Comp	1'	ND	ND	ND	ND	ND	0	176	
E. Sidewall Comp	1'	ND	ND	ND	ND	ND	0	304	
W. Sidewall Comp	1'	ND	ND	ND	ND	ND	0	208	

ND- Analyte Non-Detect

#### Countermeasures Due to Rejected Closure Report: (Application 10063)

On May 19, 2023, Pima Environmental returned to the Strawberry to conduct a site assessment and obtain full delineation of the previous samples collected. A total of 26 soil samples were collected from various sample locations. Soil samples (S4, S6, S7, S9, S10 and S11) were collected at previous depths to achieve full vertical delineation, soil samples (SW1-SW8) were collected at six inches to achieve full vertical delineation.

5/19/2023 Soil Sample Results

	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')									
	DEVON ENERGY - STRAWBERRY 7 FEDERAL 2H									
NM Approved Laboratory Results										
Sample ID	Date Sampled	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg	
		1'	ND	ND	ND	ND	ND	0	7810	
S-4	5/19/2023	3'	ND	ND	ND	ND	ND	0	6140	
		5'	ND	ND	ND	ND	ND	0	ND	
		1'	ND	ND	ND	ND	ND	0	45.3	
S-6	5/19/2023	3'	ND	ND	ND	ND	ND	0	57.5	
		4'	ND	ND	ND	ND	ND	0	49.9	
		1'	ND	ND	ND	ND	ND	0	221	
S-7	5/19/2023	3'	ND	ND	ND	ND	ND	0	ND	
			5'	ND	ND	ND	ND	ND	0	ND
		1'	ND	ND	ND	ND	ND	0	ND	
S-9	5/19/2023	3'	ND	ND	ND	ND	ND	0	ND	
		5'	ND	ND	ND	ND	ND	0	ND	
		1'	ND	ND	ND	159	221	380	556	
S-10	5/19/2023	4'	ND	ND	ND	52.5	87.6	140.1	20.4	
		5'	ND	ND	ND	ND	ND	0	ND	
		1'	ND	ND	ND	ND	ND	0	174	
S-11	5/19/2023	4'	ND	ND	ND	ND	ND	0	234	
		5'	ND	ND	ND	ND	ND	0	ND	
SW 1		0-6"	ND	ND	ND	ND	ND	0	ND	
SW 2	1	0-6"	ND	ND	ND	ND	ND	0	ND	
SW 3		0-6"	ND	ND	ND	ND	ND	0	ND	
SW 4	5/19/2023	0-6"	ND	ND	ND	ND	ND	0	ND	
SW 5	3/19/2023	0-6"	ND	ND	ND	ND	ND	0	ND	
SW 6		0-6"	ND	ND	ND	ND	ND	0	ND	
SW 7		0-6"	ND	ND	ND	ND	ND	0	ND	
SW 8		0-6"	ND	ND	ND	ND	ND	0	ND	

ND- Analyte Non-Detect

Based on the sample results, the area overlapping soil samples (S1, S9, S11) and (SW1-SW9) be excavated down to one-foot BGS. Or until hydrocarbon and chloride levels fall below NMOCD closure criteria.

#### **Remediation Activities:**

On July 10, 2023, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities for the Strawberry and excavated the areas overlapping soil samples (S1, S9, S11) and (SW1-SW9) be excavated down to one-foot BGS. They excavated area overlapping soil sample S1, SW7 and SW8 measured 32' by 17' by 1' in depth, the area overlapping soil samples S9, SW1, SW2, and SW3 measured 47 feet by 24 feet by 1' in depth, and the area overlapping soil samples S11, SW4, SW5, and SW6 measured 30' by 18' by 1 foot in depth. All contaminated material was hauled off and disposed of at an NMOCD approved landfill. Once completed, clean material was used to backfill the excavation. Then the backfilled material was packed and contoured to its original state. Photographic documentation can be found in Appendix D.

On July 13, 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.

7-13-23 Confirmation Soil Sample Results

	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')										
	DEVON ENERGY - STRAWBERRY 7 FEDERAL 2H										
	NM Approved Laboratory Results										
Sample ID	Date Sampled	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg		
CS 1		1'	ND	ND	ND	0	ND	ND	2290		
CS 2		1'	ND	ND	ND	0	ND	ND	1890		
CS 3		1'	ND	ND	ND	0	ND	ND	2110		
CS 4		1'	ND	ND	ND	0	ND	ND	1990		
CS 5		1'	ND	ND	ND	0	ND	ND	2120		
CS 6	1	1'	ND	ND	ND	0	ND	ND	2040		
CS 7	1	1'	ND	ND	ND	0	ND	ND	2190		
CS 8		1'	ND	ND	ND	0	ND	ND	2200		
CS 9		1'	ND	ND	ND	0	ND	ND	2200		
CS 10		1'	ND	ND	ND	0	ND	ND	2200		
CS 11		1'	ND	ND	ND	0	ND	ND	1570		
CSW 1	7/13/2023	0-6"	ND	ND	ND	0	ND	ND	620		
CSW 2		0-6"	ND	ND	ND	0	ND	ND	550		
CSW 3		0-6"	ND	ND	ND	0	ND	ND	641		
CSW 4		0-6"	ND	ND	ND	0	ND	ND	471		
CSW 5		0-6"	ND	ND	ND	0	ND	ND	550		
CSW 6		0-6"	ND	ND	ND	0	ND	ND	497		
CSW 7	]	0-6"	ND	ND	ND	0	ND	ND	530		
CSW 8	]	0-6"	ND	ND	ND	0	ND	ND	293		
CSW 9	]	0-6"	ND	ND	ND	0	ND	ND	513		
CSW 10	]	0-6"	ND	ND	ND	0	ND	ND	72.6		
CSW 11	]	0-6"	ND	ND	ND	0	ND	ND	484		
CSW 12		0-6"	ND	ND	ND	0	ND	ND	134		

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. Well Record & Log indicates POD-CP 01942 was installed on December 13, 2022, to a depth of 105' placing closure for this incident in the >100 column of Table 1.

See Appendix D for Photographic Documentation.

#### **Closure Request**

After careful review, Pima requests that this incident, NJMW1302251869, 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

Environmental Project Manager Pima Environmental Services, LLC

#### **Attachments**

#### Figures:

- 1. Location Map
- 2. Topo Map
- 3. Karst Map
- 4. Well Map
- 5. Site Map

#### Appendices:

Appendix A - Referenced Water Surveys

Appendix B - Soil Survey and Geological Data

Appendix C - C-141 Form & 48-Hour Notification

Appendix D - Photographic Documentation

Appendix E – Laboratory Reports



# Figures:

1-Location Map

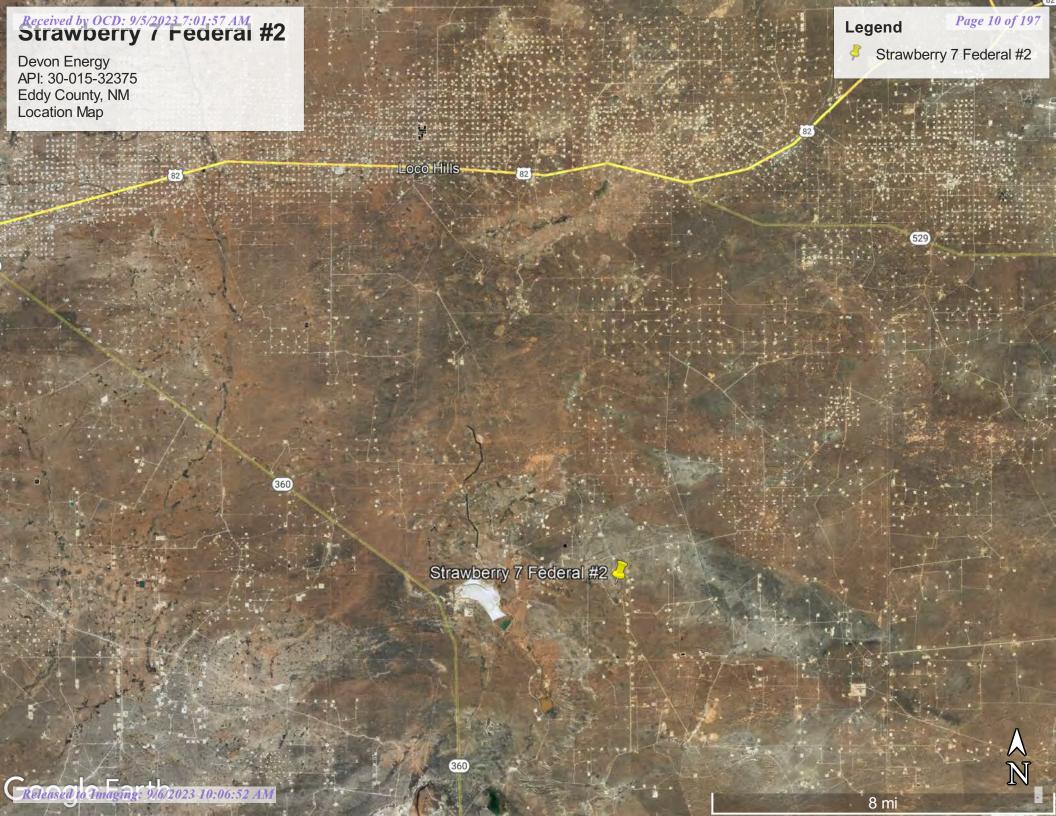
2-Topographic Map

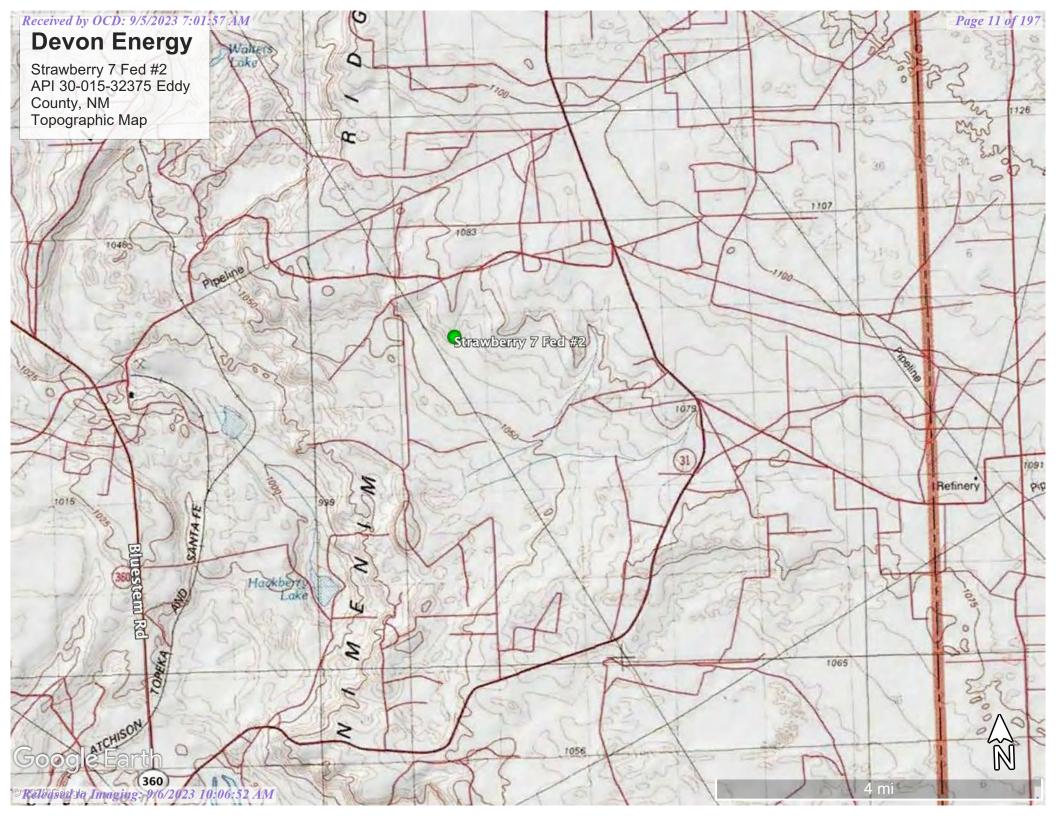
3-Karst Map

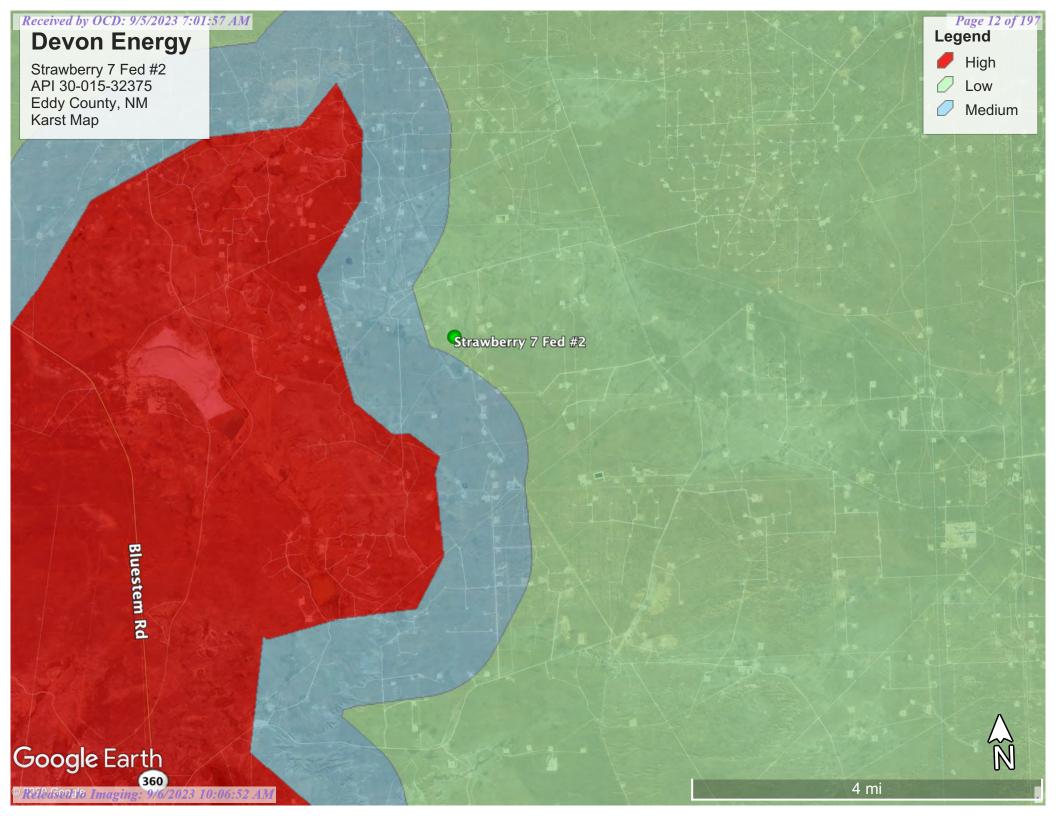
4-Water Well Map

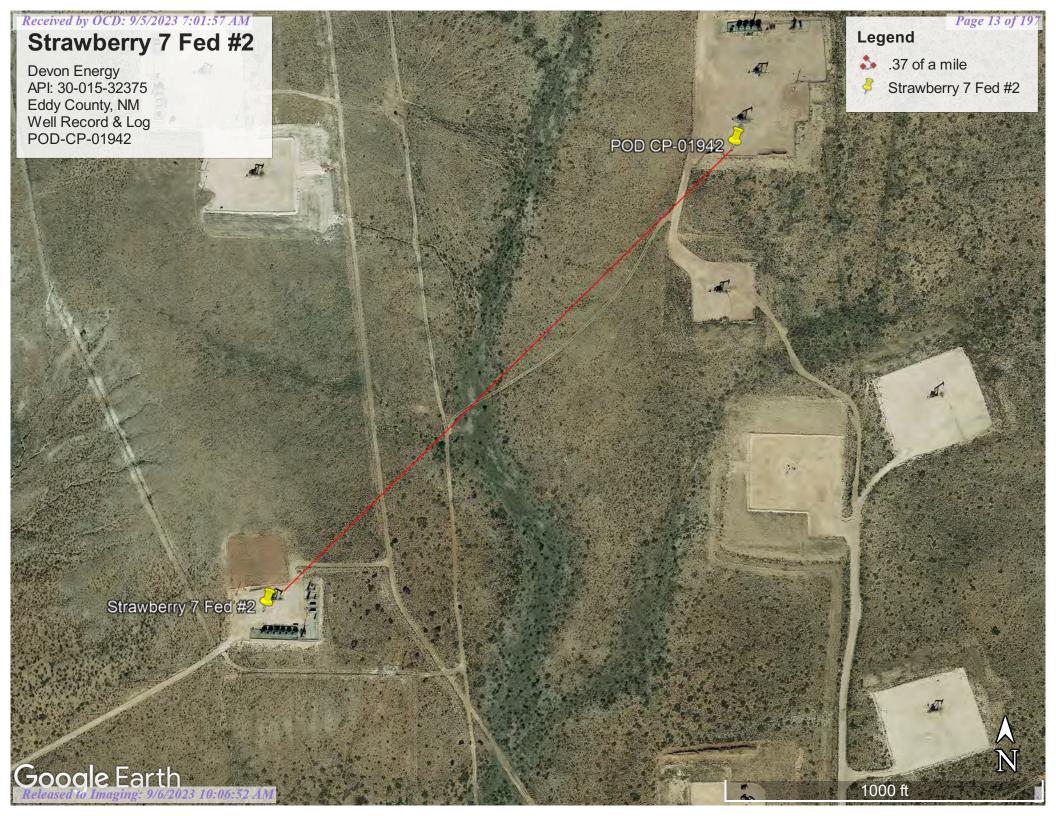
5-Site Map

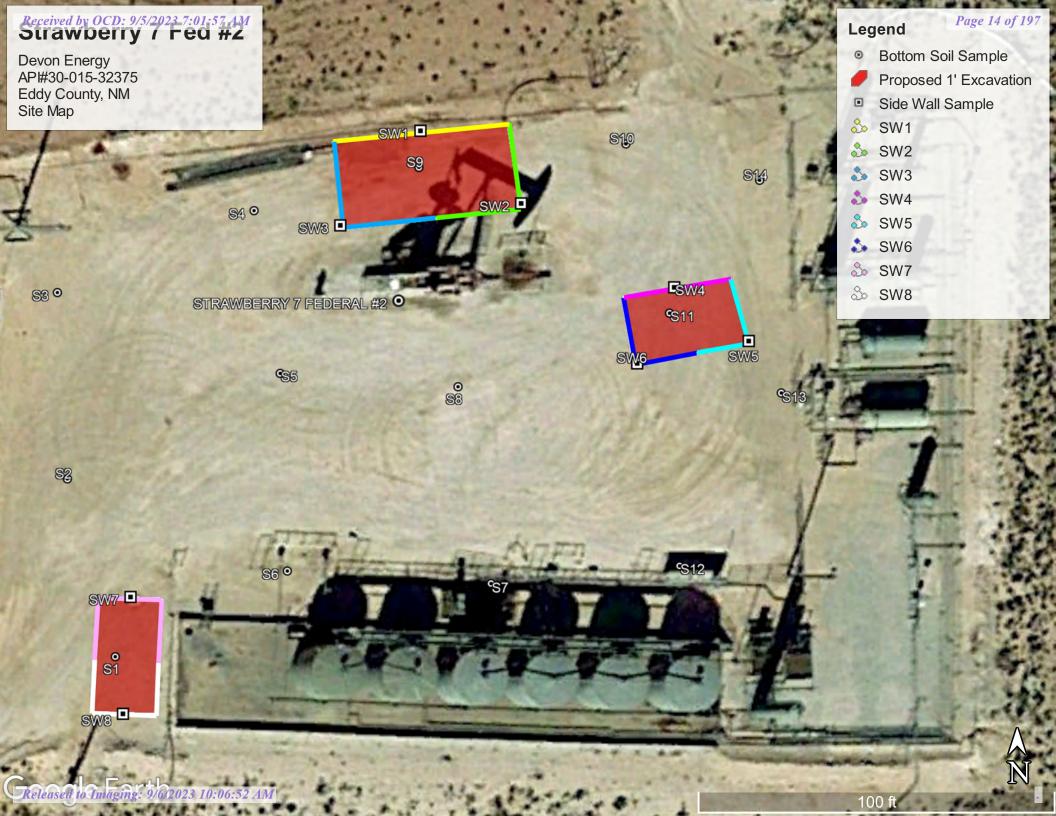
6-Confirmation Sample Map

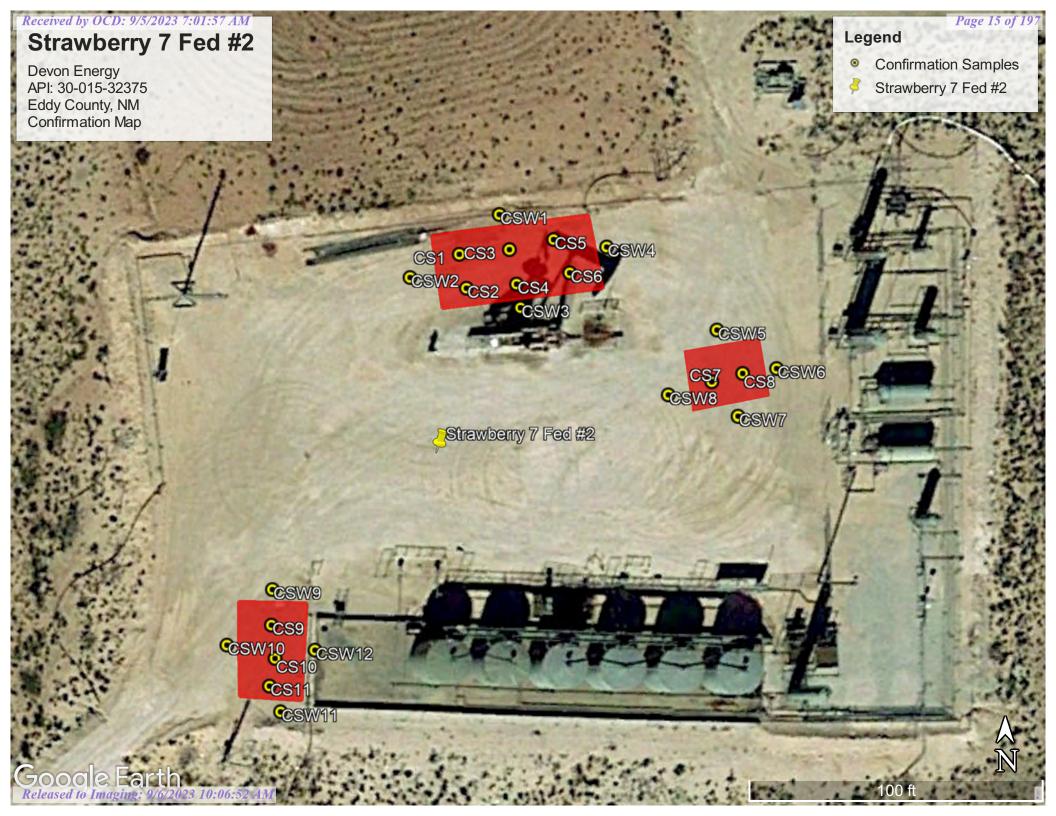














# Appendix A

Water Surveys: Well Record & Log

OSE

**USGS** 

Surface Water Map



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# New Mexico Office of the State Engineer

# Water Column/Average Depth to Water

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

closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

		POD Sub-		O	Q Ç	)							W	/ater
POD Number	Code		County				Tws	Rng	X	Y	DistanceDe	pthWellDep		
<u>CP 01907 POD1</u>		CP	ED	4	2 2	18	19S	31E	603017	3614737	1515			
<u>CP 00873 POD1</u>		CP	LE		1 1	19	19S	31E	601772	3613147*	3147	340	180	160
<u>CP 00357 POD1</u>		CP	ED	4	4 1	24	19S	30E	600667	3612631*	4039	630		
<u>CP 00829 POD1</u>		CP	LE		2 4	16	19S	31E	606165	3614009*	4194	120		
<u>CP 00357 POD2</u>		CP	ED	4	3 1	24	19S	30E	600265	3612627*	4248	630		
<u>CP 00767 POD1</u>		CP	ED		3 2	35	18S	30E	599300	3619158*	4425	500		
<u>CP 00647 POD1</u>	O	CP	ED	4	2 2	15	19S	30E	598235	3614621*	4620	200	92	108

Average Depth to Water:

136 feet

Minimum Depth:

92 feet

Maximum Depth:

180 feet

**Record Count:** 7

**UTMNAD83 Radius Search (in meters):** 

**Easting (X):** 602581.63

**Northing (Y):** 3616188.27

**Radius:** 5000

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

1/25/23 2:49 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

<sup>\*</sup>UTM location was derived from PLSS - see Help



USGS Home Contact USGS Search USGS

### **National Water Information System: Web Interface**

**USGS Water Resources** 

Data Category:		Geographic Area:		
Groundwater	~	United States	<b>~</b>	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 =

• 324159103503801

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 324159103503801 18S.31E.35.31324

Available data for this site Groundwater: Field measurements • GO
Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°42'07.3", Longitude 103°50'50.1" NAD83

Land-surface elevation 3,630 feet above NAVD88

The depth of the well is 300 feet below land surface.

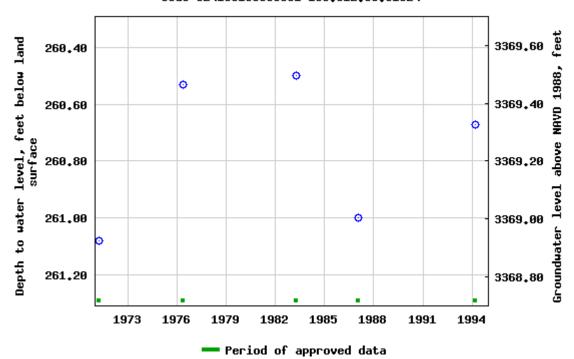
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

## **Output formats**

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

#### USGS 324159103503801 185,31E,35,31324



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

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

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

Accessibility FOIA Privacy Policies and Notices

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

**Title: Groundwater for USA: Water Levels** 

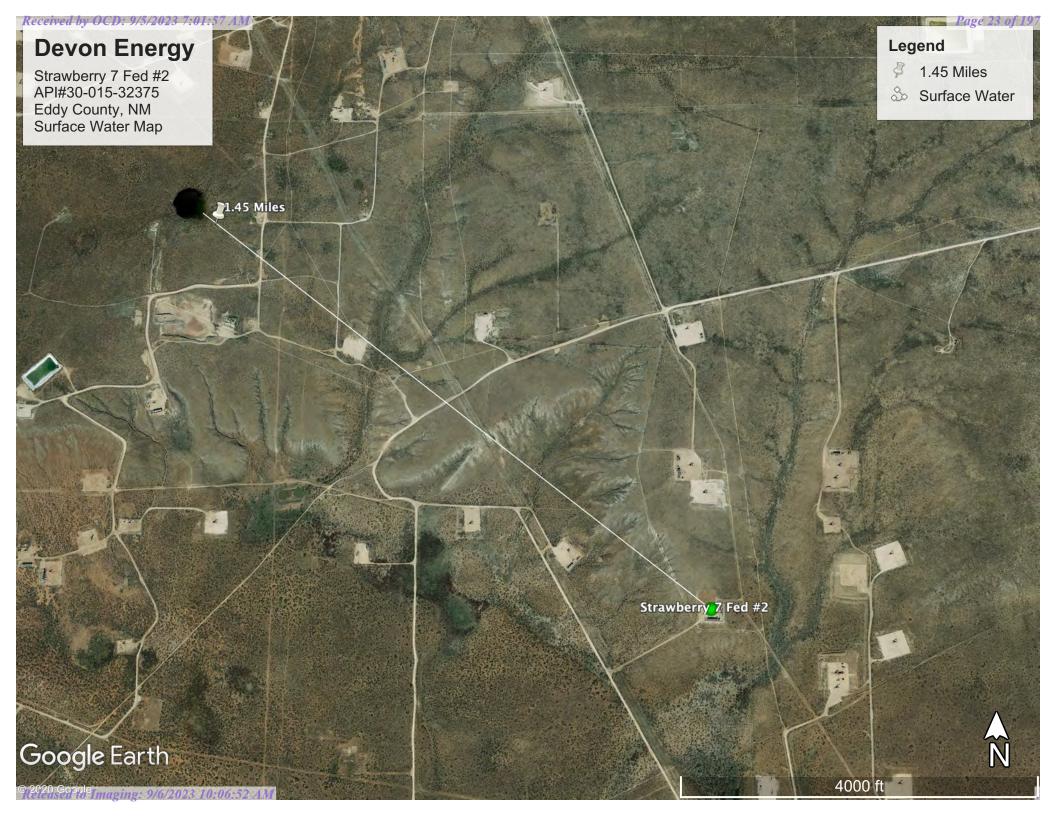
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

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

Page Last Modified: 2023-01-25 16:44:22 EST

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# Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

### **Eddy Area, New Mexico**

#### PS—Potter-Simona complex, 5 to 25 percent slopes

#### **Map Unit Setting**

National map unit symbol: 1w57 Elevation: 2,750 to 5,000 feet

Mean annual precipitation: 8 to 16 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 230 days

Farmland classification: Not prime farmland

#### **Map Unit Composition**

Potter and similar soils: 80 percent Simona and similar soils: 15 percent Minor components: 5 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

#### **Description of Potter**

#### Setting

Landform: Ridges, hills

Landform position (two-dimensional): Backslope, footslope,

shoulder, toeslope

Landform position (three-dimensional): Side slope, crest, nose

slope, head slope

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Alluvium

#### Typical profile

H1 - 0 to 10 inches: gravelly loam H2 - 10 to 60 inches: cemented material

#### **Properties and qualities**

Slope: 5 to 25 percent

Depth to restrictive feature: About 10 inches to petrocalcic

Natural drainage class: Well drained

Runoff class: Very 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 in profile: 60 percent

Salinity, maximum in profile: Nonsaline to slightly saline (0.0 to 4.0

mmhos/cm)

Sodium adsorption ratio, maximum in profile: 1.0

Available water storage in profile: Very low (about 1.2 inches)

#### Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: Shallow (R042XC025NM)

Hydric soil rating: No

#### **Description of Simona**

#### Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Rise

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

Parent material: Mixed alluvium and/or eolian sands

#### Typical profile

H1 - 0 to 11 inches: gravelly fine sandy loam H2 - 11 to 19 inches: gravelly fine sandy loam H3 - 19 to 60 inches: cemented material

#### Properties and qualities

Slope: 5 to 10 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Natural drainage class: Well drained

Runoff class: Very 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 in profile: 15 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0

to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 1.0

Available water storage in profile: Very low (about 2.2 inches)

#### Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: D

Ecological site: Shallow Sandy (R042XC002NM)

Hydric soil rating: No

#### **Minor Components**

#### **Simona**

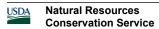
Percent of map unit: 3 percent

Ecological site: Shallow Sandy (R042XC002NM)

Hydric soil rating: No

#### **Rock outcrop**

Percent of map unit: 2 percent



Map Unit Description: Potter-Simona complex, 5 to 25 percent slopes---Eddy Area, New Mexico

Hydric soil rating: No

# **Data Source Information**

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 15, Sep 15, 2019

# Received by OCD: 9/5/2023 7:01:57 AM National Flood Hazard Layer FIRMette





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

Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped

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

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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/25/2023 at 4:46 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



ORelease To Imaging: 9/6/2023 10.906:52 AM



# Wetlands Map



January 25, 2023

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond



Lake

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 State of New Mexico District II 1301 W. Grand Avenue, Artesia, NM 88240 N 17 2013 District III Oil Conservation Division

1000 Rio Brazos Road, Aztec, NM District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division NMOCD ARTESIA 220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141 Revised March 17, 1999

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Tull			Rele	ease Noti	fication	on and Co	orrective Ac	ction	1		
MMM		25186			<b>OPER</b>	ATOR		⊠ Iı	nitial Re	port	Final Report
Name of 0	<del></del>		nergy	6137			Jerry Chaney		:		
Address 1						Telephone	e No. 575-74	48-74	146		
Artesia, N											
Facility N	ame Stra	wberry 7	Federal	#2	:	Facility T	ype Oil Well	Į			
Surface O	wner			Mine	ral Ow	ner			Lease	No.	
				LO	CATIO	ON OF RE	LEASE	AP	I 30	-015	-32375
Unit Letter B	Section 7	Township 198	Range 31E	Feet from th		th/South Line RTH	Feet from the 1750	East/\ EAST	West Line	County EDDY	
			,	N.	ATUR	E OF REL	EASE				
Type of Rele	ase OIL						Release 35 BBLS		Volume F	Recovered	32 BBLS
Source of Re OPEN BACK						Date and F 01/13/13,	Hour of Occurrence 3:30 AM	e ′	Date and 8:30 AM	Hour of D	iscovery 01/13/13,
Was Immedia	ate Notice (		Yes [	No □ No	t Require	lf YES, To d BLM/Mike	Whom? Bratcher & OCD	/ Left N	Message		
By Whom?	Jerry Chan	ey			<u>i</u>	Date and H	lour 01/13/2013,	BLM	2:50 PM, C	OCD 2:55 F	PM
Was a Water	course Reac				l I		olume Impacting th				
	•		Yes 🛚								
If a Watercou	irse was Im	pacted, Descri	ibe Fully.*	ŧ	 						
N/A					!						
			•								
Describe Cau	se of Proble	em and Reme	dial Action	n Taken *	<u>.                                    </u>						
					!						
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					a 35 barr	el spill of oil. T	he night watchman	n switc	ched to the	frac tank a	nd was not aware of
the back valv	e being ope	ned. No bull	plug was ι	itilized theref	ore the oi	l began to flow	into the ground. C	once th	e pumper a	rrived he in	mmediately closed
the valve and	contacted a	a vacuum truc	k. At this	time 32 barre	is were re	covered.					
I hereby certi	fy that the i	nformation gi	ven above	is true and co	mplete to	the best of my	knowledge and un	dersta	nd that purs	suant to NN	AOCD rules and
regulations al	I operators or the envir	are required to conment. The	o report an	d/or file certa	in release	notifications a	nd perform corrects arked as "Final Re	ive act	ions for rela	eases which	h may endanger
should their o	perations h	ave failed to a	dequately	investigate ar	nd remedi	ate contaminati	on that pose a threa	at to gr	round water	, surface v	vater, human health
or the enviror federal, state,				tance of a C-1	41 report	does not reliev	e the operator of re	esponsi	ibility for co	ompliance	with any other
rederal, state,	or rocar rav	vs and/or regu	nations.	-			OIL CONS	ERV	ATION	DIVISI	ON
Signature: 3	and Rugan	du.									
Signature. (g)						Approved by	District Supervis	or c	n . 1 D	Mil	- Deminion
Printed Name	: Gracie B	ustamante				пррготестој			Signed By	7. (//	
Title: Field A	dm Suppor	t				Approval Da	JAN 22 20 :e:	13	Expiration	Date:	
Date: 01/14/	13 Phone	: (575) 746-5	5561			Conditions of				Attache	
Attach Ad	ditional	Sheets If N	Vecessar	У			ition per OCD F			2R	P-1515
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Received by OCD: 9/5/2023 7:01:57 AM State of New Mexico
Page 3 Oil Conservation Division

	Page 32 of 197
Incident ID	NJMW1302251869
District RP	
Facility ID	
Application ID	

# **Site Assessment/Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;100'</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 X 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 X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes k No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes No
Are the lateral extents of the release within a 100-year floodplain?	Yes No
Did the release impact areas <b>not</b> 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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
$\boxed{\mathbf{x}}$ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well $\boxed{\mathbf{x}}$ Field data	ls.
Data table of soil contaminant concentration data	
Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	
X Boring or excavation logs	
Photographs including date and GIS information  Topographic/Aerial maps	
Little Taba Stabilitation make	

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.

Laboratory data including chain of custody

Received by OCD: 9/5/2023 7:01:57 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 33 of 197
Incident ID	NJMW1302251869
District RP	
Facility ID	
Application ID	

	or of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name:Dale_Woodall	Title:Environmental professional
Printed Name:Dale_Woodall	Date: 9/5/2023
email:dale.woodall@dvn.com	Telephone: _ 575-748-1838
OCD Only	
Received by:	Date:

Page 34 of 197

Incident ID	NJMW1302251869
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 19.1	5.29.11 NMAC
X Photographs of the remediated site prior to backfill or p must be notified 2 days prior to liner inspection)	hotos of the liner integrity if applicable (Note: appropriate OCD District office
X Laboratory analyses of final sampling (Note: appropriate	e ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities	
may endanger public health or the environment. The acceptar should their operations have failed to adequately investigate a human health or the environment. In addition, OCD acceptan compliance with any other federal, state, or local laws and/or restore, reclaim, and re-vegetate the impacted surface area to taccordance with 19.15.29.13 NMAC including notification to Printed Name:  Dale Woodall	certain release notifications and perform corrective actions for releases which are of a C-141 report by the OCD does not relieve the operator of liability and remediate contamination that pose a threat to groundwater, surface water, are of a C-141 report does not relieve the operator of responsibility for regulations. The responsible party acknowledges they must substantially the conditions that existed prior to the release or their final land use in the OCD when reclamation and re-vegetation are complete.  Title: Environmental Professional  Date: 9/5/2023  Telephone: 575-748-1838
OCD Only	
Received by:	Date:
	party of liability should their operations have failed to adequately investigate and
party of compliance with any other federal, state, or local laws	rface water, human health, or the environment nor does not relieve the responsible and/or regulations.
	s and/or regulations.

From: sebastian@pimaoil.com
To: ocdonline@state.nm.us

Cc: tom@pimaoil.com; Polly@pimaoil.com

Subject: Strawberry 7 Federal #2 (NJMW1302251869) - Confirmation Sampling Event 48 Hour Notification

**Date:** Monday, July 10, 2023 10:17:21 AM

Attachments: <u>image001.png</u>

#### Good morning,

Pima Environmental would like to notify you that we will be conducting a confirmation sampling event at the Strawberry 7 Federal #2 (NJMW1302251869), on Thursday July 13<sup>th</sup>, 2023. Pima personnel will be on location at 6:00 am. Thank you.

Respectfully, Sebastian Orozco Environmental Professional 5614 N Lovington Hwy, Hobbs, NM 88240 Sebastian@pimaoil.com 619-721-4813 cell





# Appendix D

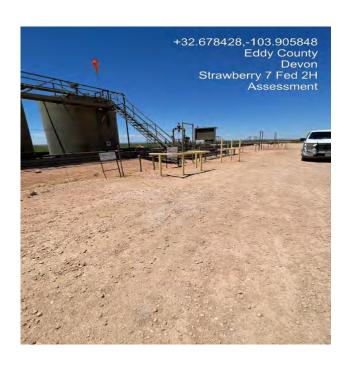
Photographic Documentation



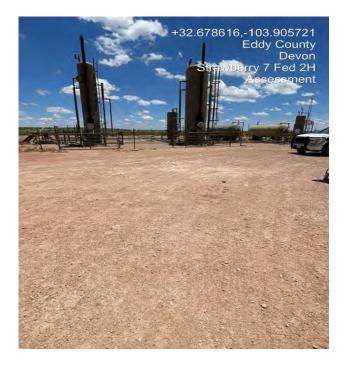
# SITE PHOTOGRAPHS DEVON ENERGY STRAWBERRY 7 FED #2

#### Site Assessment

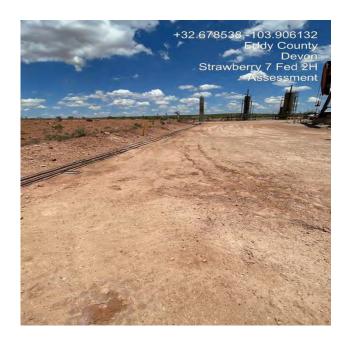
















# P

#### Excavation













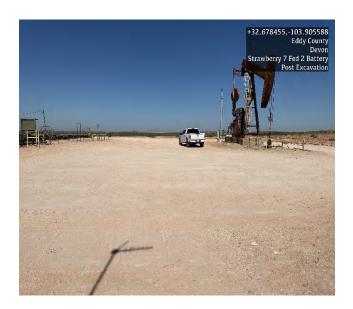




# P

#### Post Excavation





















### Appendix E

**Laboratory Reports** 

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109



July 23, 2020

Chris Jones

Pima Environmental Services LLC 1601 N. Turner Ste 500

Hobbs, NM 88240 TEL: (575) 631-6977

FAX:

RE: Strawberry 7 Fed 2 OrderNo.: 2007781

#### Dear Chris Jones:

Hall Environmental Analysis Laboratory received 26 sample(s) on 7/15/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 7/23/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: \$1-0-6"

 Project:
 Strawberry 7 Fed 2
 Collection Date: 7/14/2020 10:00:00 AM

 Lab ID:
 2007781-001
 Matrix: SOIL
 Received Date: 7/15/2020 2:50:00 PM

Result **RL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 9.8 mg/Kg 1 7/18/2020 12:13:55 AM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 7/18/2020 12:13:55 AM Surr: DNOP 82.3 55.1-146 %Rec 1 7/18/2020 12:13:55 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 7/18/2020 2:06:33 AM 4.8 mg/Kg 1 Surr: BFB 85.2 66.6-105 %Rec 1 7/18/2020 2:06:33 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 7/18/2020 2:06:33 AM 1 Toluene ND 0.048 mg/Kg 1 7/18/2020 2:06:33 AM Ethylbenzene ND 0.048 mg/Kg 1 7/18/2020 2:06:33 AM Xylenes, Total ND 0.096 mg/Kg 1 7/18/2020 2:06:33 AM Surr: 4-Bromofluorobenzene 105 80-120 %Rec 1 7/18/2020 2:06:33 AM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 12000 600 7/22/2020 4:26:59 PM ma/Ka 200

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-002

Client Sample ID: S1-1'

**Collection Date:** 7/14/2020 10:10:00 AM

**Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE (	ORGANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/18/2020 12:38:10 AM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/18/2020 12:38:10 AM
Surr: DNOP	129	55.1-146	%Rec	1	7/18/2020 12:38:10 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/18/2020 2:29:58 AM
Surr: BFB	86.6	66.6-105	%Rec	1	7/18/2020 2:29:58 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	7/18/2020 2:29:58 AM
Toluene	ND	0.049	mg/Kg	1	7/18/2020 2:29:58 AM
Ethylbenzene	ND	0.049	mg/Kg	1	7/18/2020 2:29:58 AM
Xylenes, Total	ND	0.099	mg/Kg	1	7/18/2020 2:29:58 AM
Surr: 4-Bromofluorobenzene	105	80-120	%Rec	1	7/18/2020 2:29:58 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	2300	150	mg/Kg	50	7/21/2020 4:22:06 PM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-003

Client Sample ID: S1-2'

**Collection Date:** 7/14/2020 10:20:00 AM

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	7/18/2020 1:02:23 AM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/18/2020 1:02:23 AM
Surr: DNOP	111	55.1-146	%Rec	1	7/18/2020 1:02:23 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/18/2020 2:53:27 AM
Surr: BFB	83.1	66.6-105	%Rec	1	7/18/2020 2:53:27 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	7/18/2020 2:53:27 AM
Toluene	ND	0.049	mg/Kg	1	7/18/2020 2:53:27 AM
Ethylbenzene	ND	0.049	mg/Kg	1	7/18/2020 2:53:27 AM
Xylenes, Total	ND	0.098	mg/Kg	1	7/18/2020 2:53:27 AM
Surr: 4-Bromofluorobenzene	106	80-120	%Rec	1	7/18/2020 2:53:27 AM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	580	60	mg/Kg	20	7/20/2020 9:31:09 PM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-004

Client Sample ID: S1-3'

**Collection Date:** 7/14/2020 10:30:00 AM

**Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	Analyst: BRM				
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	7/18/2020 1:26:39 AM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/18/2020 1:26:39 AM
Surr: DNOP	122	55.1-146	%Rec	1	7/18/2020 1:26:39 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	7/18/2020 3:16:52 AM
Surr: BFB	89.3	66.6-105	%Rec	1	7/18/2020 3:16:52 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.023	mg/Kg	1	7/18/2020 3:16:52 AM
Toluene	ND	0.046	mg/Kg	1	7/18/2020 3:16:52 AM
Ethylbenzene	ND	0.046	mg/Kg	1	7/18/2020 3:16:52 AM
Xylenes, Total	ND	0.093	mg/Kg	1	7/18/2020 3:16:52 AM
Surr: 4-Bromofluorobenzene	108	80-120	%Rec	1	7/18/2020 3:16:52 AM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	93	61	mg/Kg	20	7/20/2020 9:43:33 PM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 33

**EPA METHOD 300.0: ANIONS** 

Chloride

### Analytical Report Lab Order 2007781

Client Sample ID: S2-0-6"

Date Reported: 7/23/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

 Project:
 Strawberry 7 Fed 2
 Collection Date: 7/14/2020 10:40:00 AM

 Lab ID:
 2007781-005
 Matrix: SOIL
 Received Date: 7/15/2020 2:50:00 PM

Result **RL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 9.3 mg/Kg 1 7/18/2020 1:50:52 AM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 7/18/2020 1:50:52 AM Surr: DNOP 101 55.1-146 %Rec 1 7/18/2020 1:50:52 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 7/18/2020 3:40:16 AM 4.9 mg/Kg 1 Surr: BFB 83.6 66.6-105 %Rec 1 7/18/2020 3:40:16 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 7/18/2020 3:40:16 AM 1 Toluene ND 0.049 mg/Kg 1 7/18/2020 3:40:16 AM Ethylbenzene ND 0.049 mg/Kg 1 7/18/2020 3:40:16 AM Xylenes, Total ND 0.097 mg/Kg 1 7/18/2020 3:40:16 AM %Rec 7/18/2020 3:40:16 AM Surr: 4-Bromofluorobenzene 104 80-120 1

ND

60

ma/Ka

20

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 33

Analyst: JMT

7/20/2020 9:55:57 PM

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S3-0-6"

 Project:
 Strawberry 7 Fed 2
 Collection Date: 7/14/2020 10:50:00 AM

 Lab ID:
 2007781-006
 Matrix: SOIL
 Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	7/18/2020 2:15:09 AM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	7/18/2020 2:15:09 AM
Surr: DNOP	60.5	55.1-146	%Rec	1	7/18/2020 2:15:09 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/18/2020 4:03:41 AM
Surr: BFB	87.6	66.6-105	%Rec	1	7/18/2020 4:03:41 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	7/18/2020 4:03:41 AM
Toluene	ND	0.049	mg/Kg	1	7/18/2020 4:03:41 AM
Ethylbenzene	ND	0.049	mg/Kg	1	7/18/2020 4:03:41 AM
Xylenes, Total	ND	0.098	mg/Kg	1	7/18/2020 4:03:41 AM
Surr: 4-Bromofluorobenzene	107	80-120	%Rec	1	7/18/2020 4:03:41 AM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	710	60	mg/Kg	20	7/20/2020 10:08:23 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 33

Client Sample ID: S3-1'

Date Reported: 7/23/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

 Project:
 Strawberry 7 Fed 2
 Collection Date: 7/14/2020 11:00:00 AM

 Lab ID:
 2007781-007
 Matrix: SOIL
 Received Date: 7/15/2020 2:50:00 PM

Result **RL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 7/18/2020 2:39:21 AM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 7/18/2020 2:39:21 AM Surr: DNOP 55.1-146 %Rec 1 7/18/2020 2:39:21 AM 112 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 7/18/2020 4:27:12 AM 4.8 mg/Kg 1 Surr: BFB 87.6 66.6-105 %Rec 1 7/18/2020 4:27:12 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 7/18/2020 4:27:12 AM 0.024 mg/Kg 1 Toluene 7/18/2020 4:27:12 AM ND 0.048 mg/Kg 1 Ethylbenzene ND 0.048 mg/Kg 1 7/18/2020 4:27:12 AM Xylenes, Total ND 0.097 mg/Kg 1 7/18/2020 4:27:12 AM 7/18/2020 4:27:12 AM Surr: 4-Bromofluorobenzene 105 80-120 %Rec 1 Analyst: JMT **EPA METHOD 300.0: ANIONS** Chloride 450 60 7/20/2020 10:20:47 PM ma/Ka 20

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-008

Client Sample ID: S3-2'

**Collection Date:** 7/14/2020 11:10:00 AM

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/18/2020 3:03:33 AM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/18/2020 3:03:33 AM
Surr: DNOP	84.3	55.1-146	%Rec	1	7/18/2020 3:03:33 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/18/2020 4:50:48 AM
Surr: BFB	84.9	66.6-105	%Rec	1	7/18/2020 4:50:48 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	7/18/2020 4:50:48 AM
Toluene	ND	0.050	mg/Kg	1	7/18/2020 4:50:48 AM
Ethylbenzene	ND	0.050	mg/Kg	1	7/18/2020 4:50:48 AM
Xylenes, Total	ND	0.099	mg/Kg	1	7/18/2020 4:50:48 AM
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	7/18/2020 4:50:48 AM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	390	59	mg/Kg	20	7/20/2020 10:33:11 PM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 8 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-009

Client Sample ID: S3-3'

**Collection Date:** 7/14/2020 11:20:00 AM

**Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	7/18/2020 10:22:42 AM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	7/18/2020 10:22:42 AM
Surr: DNOP	102	55.1-146	%Rec	1	7/18/2020 10:22:42 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2020 5:41:57 AM
Surr: BFB	88.0	66.6-105	%Rec	1	7/19/2020 5:41:57 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	7/19/2020 5:41:57 AM
Toluene	ND	0.049	mg/Kg	1	7/19/2020 5:41:57 AM
Ethylbenzene	ND	0.049	mg/Kg	1	7/19/2020 5:41:57 AM
Xylenes, Total	ND	0.098	mg/Kg	1	7/19/2020 5:41:57 AM
Surr: 4-Bromofluorobenzene	108	80-120	%Rec	1	7/19/2020 5:41:57 AM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	260	60	mg/Kg	20	7/20/2020 10:45:36 PM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 9 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-010

Client Sample ID: S4-0-6"

**Collection Date:** 7/14/2020 11:30:00 AM

**Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	7/18/2020 11:35:06 AM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/18/2020 11:35:06 AM
Surr: DNOP	76.2	55.1-146	%Rec	1	7/18/2020 11:35:06 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/19/2020 6:52:40 AM
Surr: BFB	81.9	66.6-105	%Rec	1	7/19/2020 6:52:40 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	7/19/2020 6:52:40 AM
Toluene	ND	0.047	mg/Kg	1	7/19/2020 6:52:40 AM
Ethylbenzene	ND	0.047	mg/Kg	1	7/19/2020 6:52:40 AM
Xylenes, Total	ND	0.094	mg/Kg	1	7/19/2020 6:52:40 AM
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	7/19/2020 6:52:40 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	2400	150	mg/Kg	50	7/21/2020 4:34:26 PM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 10 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-011

Client Sample ID: S4-1'

**Collection Date:** 7/14/2020 11:40:00 AM

**Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/18/2020 11:59:18 AM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/18/2020 11:59:18 AM
Surr: DNOP	119	55.1-146	%Rec	1	7/18/2020 11:59:18 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/19/2020 8:03:17 AM
Surr: BFB	85.7	66.6-105	%Rec	1	7/19/2020 8:03:17 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	7/19/2020 8:03:17 AM
Toluene	ND	0.047	mg/Kg	1	7/19/2020 8:03:17 AM
Ethylbenzene	ND	0.047	mg/Kg	1	7/19/2020 8:03:17 AM
Xylenes, Total	ND	0.093	mg/Kg	1	7/19/2020 8:03:17 AM
Surr: 4-Bromofluorobenzene	107	80-120	%Rec	1	7/19/2020 8:03:17 AM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	1200	60	mg/Kg	20	7/20/2020 11:10:25 PM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 11 of 33

Client Sample ID: S5-0-6"

Date Reported: 7/23/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

 Project:
 Strawberry 7 Fed 2
 Collection Date: 7/14/2020 11:50:00 AM

 Lab ID:
 2007781-012
 Matrix: SOIL
 Received Date: 7/15/2020 2:50:00 PM

Result **RL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) ND 9.7 mg/Kg 1 7/18/2020 12:23:21 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 7/18/2020 12:23:21 PM Surr: DNOP 72.7 55.1-146 %Rec 1 7/18/2020 12:23:21 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 7/19/2020 8:26:46 AM 4.7 mg/Kg 1 Surr: BFB 86.3 66.6-105 %Rec 1 7/19/2020 8:26:46 AM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 7/19/2020 8:26:46 AM 1 Toluene ND 0.047 mg/Kg 1 7/19/2020 8:26:46 AM Ethylbenzene ND 0.047 mg/Kg 1 7/19/2020 8:26:46 AM Xylenes, Total ND 0.095 mg/Kg 1 7/19/2020 8:26:46 AM Surr: 4-Bromofluorobenzene 108 80-120 %Rec 1 7/19/2020 8:26:46 AM Analyst: JMT **EPA METHOD 300.0: ANIONS** Chloride 140 60 7/20/2020 11:47:38 PM ma/Ka 20

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 12 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-013

Client Sample ID: S6-0-6"

**Collection Date:** 7/14/2020 12:00:00 PM

**Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OI	RGANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	27	9.0	mg/Kg	1	7/18/2020 12:48:30 PM
Motor Oil Range Organics (MRO)	54	45	mg/Kg	1	7/18/2020 12:48:30 PM
Surr: DNOP	98.5	55.1-146	%Rec	1	7/18/2020 12:48:30 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	7/19/2020 8:50:18 AM
Surr: BFB	84.6	66.6-105	%Rec	1	7/19/2020 8:50:18 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	7/19/2020 8:50:18 AM
Toluene	ND	0.046	mg/Kg	1	7/19/2020 8:50:18 AM
Ethylbenzene	ND	0.046	mg/Kg	1	7/19/2020 8:50:18 AM
Xylenes, Total	ND	0.092	mg/Kg	1	7/19/2020 8:50:18 AM
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	7/19/2020 8:50:18 AM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	1900	60	mg/Kg	20	7/21/2020 12:00:02 AM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 13 of 33

Client Sample ID: S7-0-6"

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2 **Collection Date:** 7/14/2020 12:05:00 PM

**Lab ID:** 2007781-014 **Matrix:** SOIL **Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	20	9.3	mg/Kg	1	7/18/2020 1:12:33 PM
Motor Oil Range Organics (MRO)	110	46	mg/Kg	1	7/18/2020 1:12:33 PM
Surr: DNOP	82.8	55.1-146	%Rec	1	7/18/2020 1:12:33 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/19/2020 9:13:48 AM
Surr: BFB	84.6	66.6-105	%Rec	1	7/19/2020 9:13:48 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	7/19/2020 9:13:48 AM
Toluene	ND	0.047	mg/Kg	1	7/19/2020 9:13:48 AM
Ethylbenzene	ND	0.047	mg/Kg	1	7/19/2020 9:13:48 AM
Xylenes, Total	ND	0.094	mg/Kg	1	7/19/2020 9:13:48 AM
Surr: 4-Bromofluorobenzene	107	80-120	%Rec	1	7/19/2020 9:13:48 AM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	200	60	mg/Kg	20	7/21/2020 1:02:04 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 14 of 33

Client Sample ID: S8-0-6"

Date Reported: 7/23/2020

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

 Project:
 Strawberry 7 Fed 2
 Collection Date: 7/14/2020 12:10:00 PM

 Lab ID:
 2007781-015
 Matrix: SOIL
 Received Date: 7/15/2020 2:50:00 PM

Result **RL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) ND 9.9 mg/Kg 1 7/20/2020 3:34:45 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 7/20/2020 3:34:45 PM Surr: DNOP 84.9 55.1-146 %Rec 1 7/20/2020 3:34:45 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 7/19/2020 9:37:20 AM 4.6 mg/Kg 1 Surr: BFB 87.9 66.6-105 %Rec 1 7/19/2020 9:37:20 AM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 7/19/2020 9:37:20 AM 0.023 mg/Kg 1 Toluene ND 0.046 mg/Kg 1 7/19/2020 9:37:20 AM Ethylbenzene ND 0.046 mg/Kg 1 7/19/2020 9:37:20 AM Xylenes, Total ND 0.092 mg/Kg 1 7/19/2020 9:37:20 AM 7/19/2020 9:37:20 AM Surr: 4-Bromofluorobenzene 103 80-120 %Rec 1 Analyst: JMT **EPA METHOD 300.0: ANIONS** Chloride 240 60 7/21/2020 1:39:16 AM ma/Ka 20

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 15 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-016

Client Sample ID: S9-0-6"

**Collection Date:** 7/14/2020 12:15:00 PM

**Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	ial Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	17	9.7	mg/Kg	1	7/18/2020 2:00:45 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/18/2020 2:00:45 PM
Surr: DNOP	76.2	55.1-146	%Rec	1	7/18/2020 2:00:45 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2020 10:00:52 AM
Surr: BFB	84.7	66.6-105	%Rec	1	7/19/2020 10:00:52 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	7/19/2020 10:00:52 AM
Toluene	ND	0.049	mg/Kg	1	7/19/2020 10:00:52 AM
Ethylbenzene	ND	0.049	mg/Kg	1	7/19/2020 10:00:52 AM
Xylenes, Total	ND	0.099	mg/Kg	1	7/19/2020 10:00:52 AM
Surr: 4-Bromofluorobenzene	104	80-120	%Rec	1	7/19/2020 10:00:52 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	20000	1500	mg/Kg	500	7/21/2020 4:46:47 PM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 16 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: \$10-0-6"

 Project:
 Strawberry 7 Fed 2
 Collection Date: 7/14/2020 12:20:00 PM

 Lab ID:
 2007781-017
 Matrix: SOIL
 Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	7/20/2020 3:59:08 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/20/2020 3:59:08 PM
Surr: DNOP	80.5	55.1-146	%Rec	1	7/20/2020 3:59:08 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/19/2020 10:24:24 AM
Surr: BFB	90.8	66.6-105	%Rec	1	7/19/2020 10:24:24 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	7/19/2020 10:24:24 AM
Toluene	ND	0.048	mg/Kg	1	7/19/2020 10:24:24 AM
Ethylbenzene	ND	0.048	mg/Kg	1	7/19/2020 10:24:24 AM
Xylenes, Total	ND	0.096	mg/Kg	1	7/19/2020 10:24:24 AM
Surr: 4-Bromofluorobenzene	107	80-120	%Rec	1	7/19/2020 10:24:24 AM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	120	60	mg/Kg	20	7/21/2020 2:28:55 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 17 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-018

Client Sample ID: S10-1'

Collection Date: 7/14/2020 12:25:00 PM

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	44	9.6	mg/Kg	1	7/20/2020 4:23:28 PM
Motor Oil Range Organics (MRO)	120	48	mg/Kg	1	7/20/2020 4:23:28 PM
Surr: DNOP	99.4	55.1-146	%Rec	1	7/20/2020 4:23:28 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	7/19/2020 10:47:58 AM
Surr: BFB	85.1	66.6-105	%Rec	1	7/19/2020 10:47:58 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	7/19/2020 10:47:58 AM
Toluene	ND	0.046	mg/Kg	1	7/19/2020 10:47:58 AM
Ethylbenzene	ND	0.046	mg/Kg	1	7/19/2020 10:47:58 AM
Xylenes, Total	ND	0.092	mg/Kg	1	7/19/2020 10:47:58 AM
Surr: 4-Bromofluorobenzene	106	80-120	%Rec	1	7/19/2020 10:47:58 AM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	140	60	mg/Kg	20	7/21/2020 2:41:20 AM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 18 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S11-0-6"

 Project:
 Strawberry 7 Fed 2
 Collection Date: 7/14/2020 12:30:00 PM

 Lab ID:
 2007781-019
 Matrix: SOIL
 Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst: <b>JME</b>
Diesel Range Organics (DRO)	3800	190		mg/Kg	20	7/18/2020 3:13:32 PM
Motor Oil Range Organics (MRO)	2100	940		mg/Kg	20	7/18/2020 3:13:32 PM
Surr: DNOP	0	55.1-146	S	%Rec	20	7/18/2020 3:13:32 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	24	D	mg/Kg	5	7/19/2020 11:58:40 AM
Surr: BFB	86.0	66.6-105	D	%Rec	5	7/19/2020 11:58:40 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.12	D	mg/Kg	5	7/19/2020 11:58:40 AM
Toluene	ND	0.24	D	mg/Kg	5	7/19/2020 11:58:40 AM
Ethylbenzene	ND	0.24	D	mg/Kg	5	7/19/2020 11:58:40 AM
Xylenes, Total	ND	0.49	D	mg/Kg	5	7/19/2020 11:58:40 AM
Surr: 4-Bromofluorobenzene	105	80-120	D	%Rec	5	7/19/2020 11:58:40 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	7500	300		mg/Kg	100	7/21/2020 4:59:08 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 19 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-020

Client Sample ID: S11-1'

**Collection Date:** 7/14/2020 12:35:00 PM

**Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	24	9.3	mg/Kg	1	7/20/2020 4:47:40 PM
Motor Oil Range Organics (MRO)	88	47	mg/Kg	1	7/20/2020 4:47:40 PM
Surr: DNOP	91.5	55.1-146	%Rec	1	7/20/2020 4:47:40 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/19/2020 12:45:47 PM
Surr: BFB	84.5	66.6-105	%Rec	1	7/19/2020 12:45:47 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	7/19/2020 12:45:47 PM
Toluene	ND	0.048	mg/Kg	1	7/19/2020 12:45:47 PM
Ethylbenzene	ND	0.048	mg/Kg	1	7/19/2020 12:45:47 PM
Xylenes, Total	ND	0.096	mg/Kg	1	7/19/2020 12:45:47 PM
Surr: 4-Bromofluorobenzene	104	80-120	%Rec	1	7/19/2020 12:45:47 PM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	100	60	mg/Kg	20	7/21/2020 3:06:08 AM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 20 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: \$12-0-6"

 Project:
 Strawberry 7 Fed 2
 Collection Date: 7/14/2020 12:40:00 PM

 Lab ID:
 2007781-021
 Matrix: SOIL
 Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	7/18/2020 4:02:05 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/18/2020 4:02:05 PM
Surr: DNOP	86.4	55.1-146	%Rec	1	7/18/2020 4:02:05 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/19/2020 1:09:22 PM
Surr: BFB	84.3	66.6-105	%Rec	1	7/19/2020 1:09:22 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	7/19/2020 1:09:22 PM
Toluene	ND	0.048	mg/Kg	1	7/19/2020 1:09:22 PM
Ethylbenzene	ND	0.048	mg/Kg	1	7/19/2020 1:09:22 PM
Xylenes, Total	ND	0.097	mg/Kg	1	7/19/2020 1:09:22 PM
Surr: 4-Bromofluorobenzene	105	80-120	%Rec	1	7/19/2020 1:09:22 PM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	ND	60	mg/Kg	20	7/21/2020 3:18:32 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- $ND \qquad Not \ Detected \ at \ the \ Reporting \ Limit$
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 21 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-022

Client Sample ID: S12-1'

**Collection Date:** 7/14/2020 12:45:00 PM

Received Date: 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/18/2020 4:26:14 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/18/2020 4:26:14 PM
Surr: DNOP	80.8	55.1-146	%Rec	1	7/18/2020 4:26:14 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>					Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/19/2020 1:33:03 PM
Surr: BFB	86.3	66.6-105	%Rec	1	7/19/2020 1:33:03 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	7/19/2020 1:33:03 PM
Toluene	ND	0.050	mg/Kg	1	7/19/2020 1:33:03 PM
Ethylbenzene	ND	0.050	mg/Kg	1	7/19/2020 1:33:03 PM
Xylenes, Total	ND	0.099	mg/Kg	1	7/19/2020 1:33:03 PM
Surr: 4-Bromofluorobenzene	104	80-120	%Rec	1	7/19/2020 1:33:03 PM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	ND	60	mg/Kg	20	7/21/2020 3:30:57 AM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 22 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-023

Client Sample ID: S13-0-6"

**Collection Date:** 7/14/2020 12:50:00 PM

**Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE C	RGANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/18/2020 4:50:34 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/18/2020 4:50:34 PM
Surr: DNOP	78.2	55.1-146	%Rec	1	7/18/2020 4:50:34 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2020 1:56:43 PM
Surr: BFB	91.1	66.6-105	%Rec	1	7/19/2020 1:56:43 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	7/19/2020 1:56:43 PM
Toluene	ND	0.049	mg/Kg	1	7/19/2020 1:56:43 PM
Ethylbenzene	ND	0.049	mg/Kg	1	7/19/2020 1:56:43 PM
Xylenes, Total	ND	0.098	mg/Kg	1	7/19/2020 1:56:43 PM
Surr: 4-Bromofluorobenzene	108	80-120	%Rec	1	7/19/2020 1:56:43 PM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	150	60	mg/Kg	20	7/21/2020 3:43:22 AM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 23 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-024

Client Sample ID: S13-1'

**Collection Date:** 7/14/2020 12:55:00 PM

**Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	7/18/2020 5:39:08 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/18/2020 5:39:08 PM
Surr: DNOP	126	55.1-146	%Rec	1	7/18/2020 5:39:08 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2020 2:20:24 PM
Surr: BFB	89.5	66.6-105	%Rec	1	7/19/2020 2:20:24 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	7/19/2020 2:20:24 PM
Toluene	ND	0.049	mg/Kg	1	7/19/2020 2:20:24 PM
Ethylbenzene	ND	0.049	mg/Kg	1	7/19/2020 2:20:24 PM
Xylenes, Total	ND	0.099	mg/Kg	1	7/19/2020 2:20:24 PM
Surr: 4-Bromofluorobenzene	106	80-120	%Rec	1	7/19/2020 2:20:24 PM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	ND	60	mg/Kg	20	7/21/2020 3:55:47 AM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 24 of 33

Client Sample ID: S14-0-6"

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2 **Collection Date:** 7/14/2020 1:00:00 PM

**Lab ID:** 2007781-025 **Matrix:** SOIL **Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	17	10	mg/Kg	1	7/20/2020 5:11:50 PM
Motor Oil Range Organics (MRO)	62	50	mg/Kg	1	7/20/2020 5:11:50 PM
Surr: DNOP	88.4	55.1-146	%Rec	1	7/20/2020 5:11:50 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2020 2:44:02 PM
Surr: BFB	84.1	66.6-105	%Rec	1	7/19/2020 2:44:02 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	7/19/2020 2:44:02 PM
Toluene	ND	0.049	mg/Kg	1	7/19/2020 2:44:02 PM
Ethylbenzene	ND	0.049	mg/Kg	1	7/19/2020 2:44:02 PM
Xylenes, Total	ND	0.098	mg/Kg	1	7/19/2020 2:44:02 PM
Surr: 4-Bromofluorobenzene	106	80-120	%Rec	1	7/19/2020 2:44:02 PM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	64	59	mg/Kg	20	7/21/2020 4:08:12 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 25 of 33

Date Reported: 7/23/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

**Lab ID:** 2007781-026

Client Sample ID: S14-1'

**Collection Date:** 7/14/2020 1:05:00 PM

**Received Date:** 7/15/2020 2:50:00 PM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	17	9.6	mg/Kg	1	7/20/2020 5:36:18 PM
Motor Oil Range Organics (MRO)	58	48	mg/Kg	1	7/20/2020 5:36:18 PM
Surr: DNOP	86.7	55.1-146	%Rec	1	7/20/2020 5:36:18 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/19/2020 3:07:42 PM
Surr: BFB	85.9	66.6-105	%Rec	1	7/19/2020 3:07:42 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	7/19/2020 3:07:42 PM
Toluene	ND	0.048	mg/Kg	1	7/19/2020 3:07:42 PM
Ethylbenzene	ND	0.048	mg/Kg	1	7/19/2020 3:07:42 PM
Xylenes, Total	ND	0.095	mg/Kg	1	7/19/2020 3:07:42 PM
Surr: 4-Bromofluorobenzene	106	80-120	%Rec	1	7/19/2020 3:07:42 PM
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	ND	60	mg/Kg	20	7/21/2020 4:45:26 AM

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 26 of 33

### **QC SUMMARY REPORT**

#### Hall Environmental Analysis Laboratory, Inc.

WO#: **2007781** 

23-Jul-20

Client: Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

Sample ID: MB-53832 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 53832 RunNo: 70463

Prep Date: 7/20/2020 Analysis Date: 7/20/2020 SeqNo: 2451252 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-53832 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 53832 RunNo: 70463

Prep Date: 7/20/2020 Analysis Date: 7/20/2020 SeqNo: 2451253 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.9 90 110

Sample ID: MB-53840 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **53840** RunNo: **70463** 

Prep Date: 7/20/2020 Analysis Date: 7/21/2020 SeqNo: 2451284 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-53840 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 53840 RunNo: 70463

Prep Date: 7/20/2020 Analysis Date: 7/21/2020 SeqNo: 2451285 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.8 90 110

#### Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 27 of 33

### **QC SUMMARY REPORT**

### Hall Environmental Analysis Laboratory, Inc.

WO#: **2007781** 

23-Jul-20

Client: Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

	ly / Feu 2										
Sample ID: <b>MB-53759</b>	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics										
Client ID: PBS	Batch	ID: <b>53</b>	759	F	tunNo: 70	0415					
Prep Date: 7/16/2020	Analysis Da	ate: <b>7/</b>	17/2020	S	SeqNo: 24	448672	Units: mg/K	ζg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	10		10.00		104	55.1	146				
Sample ID: LCS-53759	SampTy	/pe: <b>LC</b>	S	Tes	tCode: <b>EF</b>	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: LCSS	Batch	ID: <b>53</b>	759	F	RunNo: <b>7</b> 0	0415					
Prep Date: 7/16/2020	Analysis Da	ate: <b>7/</b>	17/2020	8	SeqNo: 24	448673	Units: mg/K	ζg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	57	10	50.00	0	115	70	130				
Surr: DNOP	5.0		5.000		99.9	55.1	146				
Sample ID: MB-53768	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics										
Client ID: PBS	Batch	ID: <b>53</b>	768	F	tunNo: 70	0449					
Prep Date: 7/16/2020	Analysis Da	ate: <b>7/</b>	18/2020	S	SeqNo: 24	450409	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	8.6		10.00		86.2	55.1	146				
Sample ID: LCS-53768	SampTy	/pe: <b>LC</b>	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: LCSS	Batch	ID: <b>53</b>	768	F	tunNo: 70	0449					
Prep Date: <b>7/16/2020</b>	Analysis Da	ate: <b>7/</b>	18/2020	8	SeqNo: 24	450412	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	50	10	50.00	0	101	70	130				
Surr: DNOP	4.1		5.000		82.6	55.1	146				
Sample ID: 2007781-009AMS	SampTy	/pe: <b>MS</b>	3	Tes	tCode: <b>EF</b>	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: \$3-3'	Batch	ID: <b>53</b>	768	F	tunNo: 70	0449					
Prep Date: 7/16/2020	Analysis Da	ate: <b>7/</b>	18/2020	S	SeqNo: 24	450486	Units: mg/K	(g			

#### Qualifiers:

Surr: DNOP

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Result

46

4.3

PQL

9.1

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

Diesel Range Organics (DRO)

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

93.8

94.7

LowLimit

47.4

55.1

HighLimit

136

146

%RPD

- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

SPK value SPK Ref Val %REC

45.54

4.554

3.147

Page 28 of 33

**RPDLimit** 

Qual

# Hall Environmental Analysis Laboratory, Inc.

WO#: **2007781** 

Qual

23-Jul-20

Client: Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

Sample ID: 2007781-009AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: \$3-3' Batch ID: 53768 RunNo: 70449

Prep Date: 7/16/2020 Analysis Date: 7/18/2020 SeqNo: 2450492 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	(
Diesel Range Organics (DRO)	48	9.7	48.36	3.147	92.2	47.4	136	3.95	43.4	
Surr: DNOP	3.9		4.836		81.4	55.1	146	0	0	

### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 29 of 33

### Hall Environmental Analysis Laboratory, Inc.

2007781

WO#:

23-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

Sample ID: MB-53760

Sample ID: Ics-53753 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 53753 RunNo: 70417 Prep Date: 7/16/2020 Analysis Date: 7/17/2020 SeqNo: 2448852 Units: mq/Kq SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit Qual Gasoline Range Organics (GRO) 20 5.0 25.00 Λ 81.8 72.5 106 Surr: BFB 980 1000 98.3 66.6 105

Sample ID: mb-53753 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 53753 RunNo: 70417 Prep Date: 7/16/2020 Units: mg/Kg Analysis Date: 7/17/2020 SeqNo: 2448853 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 910 1000 91.0 66.6 105

SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: Batch ID: 53760 RunNo: 70450 Prep Date: 7/16/2020 Analysis Date: 7/19/2020 SeqNo: 2449600 Units: mg/Kg SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result PQL HighLimit Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 900 1000 90.1 66.6 105

Sample ID: LCS-53760 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 53760 RunNo: 70450 Prep Date: 7/16/2020 Analysis Date: 7/19/2020 SeqNo: 2449601 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Result PQL LowLimit HighLimit Qual Gasoline Range Organics (GRO) 19 5.0 25.00 75.3 72.5 106 Surr: BFB 970 1000 96.7 66.6 105

Sample ID: 2007781-009ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: S3-3<sup>1</sup> Batch ID: 53760 RunNo: 70450 Prep Date: 7/16/2020 Analysis Date: 7/19/2020 SeqNo: 2449603 Units: mg/Kg Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 4.8 0 S 18 23.95 74.6 80 120 Surr: BFB 950 957.9 99.7 66.6 105

TestCode: EPA Method 8015D: Gasoline Range Sample ID: 2007781-009amsd SampType: MSD

Client ID: S3-3' Batch ID: 53760 RunNo: 70450

Prep Date: 7/16/2020 Units: mg/Kg Analysis Date: 7/19/2020 SeqNo: 2449604

PQL SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual

### Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 30 of 33

# Hall Environmental Analysis Laboratory, Inc.

WO#: **2007781** 

23-Jul-20

Client: Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

Sample ID: 2007781-009amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: \$3-3' Batch ID: 53760 RunNo: 70450

Prep Date: 7/16/2020 Analysis Date: 7/19/2020 SeqNo: 2449604 Units: mg/Kg

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual 20 S Gasoline Range Organics (GRO) 17 4.9 24.53 Λ 69.9 80 120 4.11 Surr: BFB 950 981.4 97.0 66.6 105 0

Sample ID: mb-53806 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 53806 RunNo: 70475

Prep Date: 7/19/2020 Analysis Date: 7/20/2020 SeqNo: 2451151 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: BFB 890 1000 89.4 66.6 105

Sample ID: Ics-53806 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 53806 RunNo: 70475

Prep Date: 7/19/2020 Analysis Date: 7/20/2020 SeqNo: 2451152 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 970 1000 97.4 66.6 105

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 31 of 33

# Hall Environmental Analysis Laboratory, Inc.

WO#: **2007781** 

23-Jul-20

Client: Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

Sample ID: LCS-53753	SampT	ype: <b>LC</b>	s	Tes	tCode: El	iles				
Client ID: LCSS	Batcl	Batch ID: 53753			RunNo: 70					
Prep Date: <b>7/16/2020</b>	Analysis D	Analysis Date: 7/17/2020			SeqNo: 24	448879	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	103	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	1.1	1.1 1.000			110	80	120			

Sample ID: mb-53753	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	n ID: <b>53</b>	753	F	RunNo: 7	0417				
Prep Date: 7/16/2020	Analysis D	ate: <b>7/</b>	17/2020	8	SeqNo: 2	448880	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Sample ID: MB-53760	SampT	ype: <b>ME</b>	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	n ID: <b>53</b> 7	760	R	RunNo: 70	0450				
Prep Date: 7/16/2020	Analysis D	ate: <b>7/</b>	19/2020	S	SeqNo: 24	449725	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120			

Sample ID: Ics-53760	SampT	ype: <b>LC</b>	s	Tes	tCode: El	iles				
Client ID: LCSS	Batch	n ID: <b>53</b> 7	760	F	RunNo: 7					
Prep Date: 7/16/2020	Analysis D	Date: <b>7/</b>	19/2020	S	SeqNo: 2	449726	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	100	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120			

### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 32 of 33

# Hall Environmental Analysis Laboratory, Inc.

WO#: **2007781** 

23-Jul-20

Client: Pima Environmental Services LLC

**Project:** Strawberry 7 Fed 2

Sample ID: 2007781-010ams	SampT	ype: MS	3	Tes	tCode: El	tiles				
Client ID: <b>\$4-0-6</b> "	Batch	n ID: <b>53</b> 7	760	F	RunNo: 7					
Prep Date: 7/16/2020	Analysis Date: 7/19/2020			S	SeqNo: 2	449729	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9970	0	104	78.5	119			
Toluene	1.0	0.050	0.9970	0	103	75.7	123			
Ethylbenzene	1.0	0.050	0.9970	0	103	74.3	126			
Xylenes, Total	3.1	0.10	2.991	0	104	72.9	130			
Surr: 4-Bromofluorobenzene	1.1		0.9970		108	80	120			

Sample ID: 2007781-010amsd	Sampl	ype: MS	SD .	l es	tCode: Ef	PA Method	8021B: Volat	iles		
Client ID: <b>\$4-0-6</b> "	Batch	ID: <b>537</b>	760	R	tunNo: <b>7</b> (	0450				
Prep Date: 7/16/2020	Analysis D	ate: <b>7/</b>	19/2020	S	SeqNo: 24	449730	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	0.9911	0	99.6	78.5	119	4.41	20	
Toluene	0.98	0.050	0.9911	0	99.2	75.7	123	4.22	20	
Ethylbenzene	0.99	0.050	0.9911	0	99.7	74.3	126	4.33	20	
Xylenes, Total	3.0	0.099	2.973	0	101	72.9	130	4.00	20	
Surr: 4-Bromofluorobenzene	1.1		0.9911		108	80	120	0	0	

Sample ID: mb-53806	SampT	уре: МЕ	BLK	Tes	tCode: El	iles				
Client ID: PBS	Batch	ID: <b>53</b>	806	F	RunNo: 7	0475				
Prep Date: 7/19/2020	Analysis D	ate: 7/	20/2020	S	SeqNo: 2	451184	Units: %Red	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID: LCS-53806	SampT	ype: <b>LC</b>	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	n ID: <b>53</b>	806	F	RunNo: 7	0475				
Prep Date: 7/19/2020	Analysis D	ate: 7/	/20/2020	S	SeqNo: 2	451185	Units: %Red	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1 1		1 000		110	80	120			

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 33 of 33



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

# Sample Log-In Check List

Client Name:	Pima Environmental Services LLC	Work Order Num	ber: 2007781	<u> </u>	RcptNo:	1
Received By:	Cheyenne Cason	7/15/2020 2:50:00	P <b>M</b>			
Completed By:	Michelle Garcia	7/15/2020 4:03:29	РМ	Missel Ga	٠.	
Reviewed By:	Em 7/16	120		,		
Chain of Cus	stody					
1. Is Chain of C	Custody complete?		Yes 🗹	No 🗌	Not Present	
2. How was the	sample delivered?		<u>Courier</u>			
<u>Log In</u>						
	mpt made to cool the samp	es?	Yes 🗹	No 🗆	NA 🗆	
4. Were all sam	ples received at a tempera	ture of >0° C to 6.0°C	Yes 🗸	No 📙	NA 🗌	-
5. Sample(s) in	proper container(s)?		Yes 🗹	No 🗌		
6 Sufficient san	nple volume for indicated te	.et/e\2	Yes 🗹	No 🗆		
	(except VOA and ONG) pro	, ,	Yes ✓	No 🗆		
_	ative added to bottles?	pony procervou.	Yes 🗌	No 🗹	NA 🗆	
_						
	east 1 vial with headspace		Yes 🗌	No ∐	NA 🗹	70
10, Were any sai	mple containers received be	oken?	Yes $\square$	No ☑	# of preserved	7/12/20
11. Does paperw	ork match bottle labels?		Yes 🗹	No 🗆	bottles checked for pH:	77.1
	ancies on chain of custody)	•	. 55		(<2 0)	12 unless noted)
12. Are matrices	correctly identified on Chair	of Custody?	Yes 🗹	No 🗌	Adjusted?	
	t analyses were requested	?	Yes 🗹	No 🗆		
	ng times able to be met? ustomer for authorization.)		Yes 🗹	No 🗆	Checked by:	<u></u>
•	ling (if applicable)					
	otified of all discrepancies v	vith this order?	Yes 🗌	No 🗌	NA 🗹	
Person	Notified:	Date:				
By Who	om:	Via:		hone Fax [	In Person	
Regard	million - mark and one of the color	And Anna Andrews Andre				
	nstructions:					
16. Additional re	marks:	The state of the s	NACO II RAAMIII II	THE	of many hards	
17. Cooler Info	rmation					
Cooler No		Seal Intact   Seal No	Seal Date	Signed By		
1	3.5 Good	Yes	recomb tesses "Me elli IIAC			
2	3.2 Good	Yes				
3	2.2 Good	Mae I I	1			

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107	3 7:0	1:57 AM			140													3.440.1=3.5	1043	analytical report.
IALL ENVIRONM NALYSIS LABOR www.hallenvironmental.com ins NE - Albuquerque, NM 871 15-3975 Fax 505-345-4107	est	(tnəsdAtı			10131 COIII 10131 COIII												1			on the
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VV: IIS: Ironm Ironm	Analysis Request		<u>-</u>	(∀	OV) 0928													ĺ	10 136708	clearly
. KS Illenvi	Analy	PO4, SO4			CI, F., Br,													(	$\tilde{\tilde{\mathcal{A}}}$	will be
HALL ANAL www.hal kins NE -	1				N 8 ARDA													6-	<b>-</b> 1	ed data
HALL ANAL Www.ha Hawkins NE 505-345-3975		SWISC			EDB (Metl							_						ļ	<u> </u>	ontract
######################################		PCB's			18081 Pest 								_					•	1. J	y sub-c
4901 Tel.					12108:H9T									_			-	Remarks:	э <u>́</u>	līy. An
		(1208) s'	8MT \ 3	8TI	BTEX / M	سسنه			_								4	Rem		possibi
T X 7 / 5	Ca15a00 #580	Project Manager:	Sampler: Celton Asland Ct On Ice: A Yes INo		Cooler Temp(including CF): シェレル・ (ヒ) Container Preservative HEAL No.	TCE OD	003	003	h00	305	a)(10	[3	)(IO	600	010	110	elo + "	Received by Via: Date Time	Received by: Via: 1 Date Time   1450	ited laboratories.
Chain-of-Custody Record  Client: P. M. A. ENVI COMENHA!  [601 N. 1  Mailing Address: [601 N. Thuner ste Sod  Hobbs, NM S8040	Phone #: 575-631-6977	email or Fax#: さんんらの Pima Oil, Coun QA/QC Package: ヌ Standard □ Level 4 (Full Validation)	Accreditation:   Az Compliance  DINELAC  Other	] //	Charles Sample Name	00:01	٠	10:20 SI-21	5 10,30 51-3'	10:40 52 - 0-6"	10:50 53 0-6"	11:00 53-11	10 53-21	\$3-3'	11:30 54-0-6"	11:40 54-11	SO	Date: Time: Relinquished by:	Date: Time: Relinquished by:	I necessary, samples submitted to Hall Environmental may be subcontracted to other acdfed

MENTAL  ORATORY 87109 07	Total Coliform (Present/Absent)	Remarks:    A
	CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> 8260 (VOA)	To Devon
HALL ANAL www.hal 4901 Hawkins NE - Tel. 505-345-3975	EDB (Method 504.1) PAHs by 8310 or 8270SIMS RCRA 8 Metals	P. I. TO
4901 H	BTEX / MTBE / TMB's (8021) TPH:8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's	Remarks:
Turn-Around Time:  A Standard □ Rush  Project Name:  Sfrawberry 7 Fed#A  Project #:  W&S# 208 63165	Project Manager:  \$\mathcal{C}\Lambda \cdot\{\sigma} \subseteq \tag{\cdot\{\sigma} \superseteq \tag{\cdot\{\sigma} \superseteq \cdot\{\cdod\{\cdot\{\cdot\{\cdot\{\cdot\{\cdot\{\cdot\{\cdot\{\cdot\{\cdod\{\cdot\{\cdot\{\cdot\{\cdot\{\cdot\{\cdot\{\cdou\{\cdov\{\cdov\{\cdov\{\cdov\{\cdov\{\cdov\{\cdou\{\cdou\{\cdo\{\cdov\{\cdo	1014 014 015 017 017 017 018 018 018 018 018 018 018 018 018 018
Chain-of-Custody Record Client: Pima Environmental Mailing Address: 1601 Nituraer Ste Sto Hobbs, Nm \$8240 Phone #: 5#5-631-697	email or Fax#: Chrise Por macilication CAQC Package:  Accreditation:	Relinquishe Relinquishe
Chain: Chain: Chain: Mailing Address Mailing Address Phone #: 5#5	email or Fax#: QAQC Package:  Accreditation:  NELAC  Date Time	

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com	erque, NM 87109 505-345-4107	SIMS SIMS	PH:8015D(GRO / DRC 081 Pesticides/8082 PDB (Method 504.1) CRA 8 Metals I, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , FD 0780 (VOA) 250 (VOA) 270 (Semi-VOA) 270 (Semi-VOA) 270 (Semi-VOA) 270 (Semi-VOA)	8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Remarks:    A + 0.1 = 35   A + 0.1 =
Rush	Strawbery / Feath 2 Project #:			ICE (195	61ASS IVE 030		ia: Date Time la: State Time la: State Time la: Date Time
	Mailing Address: KOI N, Tury er Ste SOO HShS NM 88240	(continuity)	editation:	S 4 - 0 - 6''	1 - 1 - 2   3   1		Date: Time: Relinquished by:  Date: Time: Relinquished by:  Date: Time: Relinquished by:  Compared to the control of the contr



August 26, 2020

CHRIS JONES
PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS, NM 88240

RE: STRAWBERRY FED 7

Enclosed are the results of analyses for samples received by the laboratory on 08/20/20 15:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keine

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 BC -1 (H002195-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.02	101	2.00	3.83	
Toluene*	<0.050	0.050	08/21/2020	ND	2.01	100	2.00	3.91	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	1.98	98.8	2.00	3.88	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.75	95.8	6.00	3.89	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	ND	182	91.1	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/21/2020	ND	180	90.2	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	08/21/2020	ND					
Surrogate: 1-Chlorooctane	85.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	94.0	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7
Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 BC -2 (H002195-02)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.02	101	2.00	3.83	
Toluene*	<0.050	0.050	08/21/2020	ND	2.01	100	2.00	3.91	
Ethylbenzene*	< 0.050	0.050	08/21/2020	ND	1.98	98.8	2.00	3.88	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.75	95.8	6.00	3.89	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	ND	182	91.1	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/21/2020	ND	180	90.2	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	08/21/2020	ND					
Surrogate: 1-Chlorooctane	81.7	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	85.0	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 BC -3 (H002195-03)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.02	101	2.00	3.83	
Toluene*	<0.050	0.050	08/21/2020	ND	2.01	100	2.00	3.91	
Ethylbenzene*	< 0.050	0.050	08/21/2020	ND	1.98	98.8	2.00	3.88	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.75	95.8	6.00	3.89	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	ND	182	91.1	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/21/2020	ND	180	90.2	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	08/21/2020	ND					
Surrogate: 1-Chlorooctane	85.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	89.1	% 42.2-15	6						

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Celey D. Keine



### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 BC -4 (H002195-04)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.02	101	2.00	3.83	
Toluene*	<0.050	0.050	08/21/2020	ND	2.01	100	2.00	3.91	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	1.98	98.8	2.00	3.88	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.75	95.8	6.00	3.89	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	ND	182	91.1	200	4.97	
DRO >C10-C28*	15.9	10.0	08/21/2020	ND	180	90.2	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	08/21/2020	ND					
Surrogate: 1-Chlorooctane	86.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.0	% 42.2-15	6						

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Celey D. Keine



### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 BC -5 (H002195-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.02	101	2.00	3.83	
Toluene*	<0.050	0.050	08/21/2020	ND	2.01	100	2.00	3.91	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	1.98	98.8	2.00	3.88	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.75	95.8	6.00	3.89	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	ND	182	91.1	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/21/2020	ND	180	90.2	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	08/21/2020	ND					
Surrogate: 1-Chlorooctane	81.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	86.3	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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Sample Received By:

08/18/2020

Tamara Oldaker

### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Sampling Date:

Reported: 08/26/2020 Sampling Type: Soil
Project Name: STRAWBERRY FED 7 Sampling Condition: Cool & Intact

Project Number: 6

Project Location: DEVON - EDDY COUNTY

### Sample ID: S - 9 BC -6 (H002195-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	ND	182	91.1	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/21/2020	ND	180	90.2	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	08/21/2020	ND					
Surrogate: 1-Chlorooctane	84.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.9	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

PIMA ENVIROMENTAL **CHRIS JONES** 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

**DEVON - EDDY COUNTY** Project Location:

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: S - 9 N - COMP 1 (H002195-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	ND	182	91.1	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/21/2020	ND	180	90.2	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	08/21/2020	ND					
Surrogate: 1-Chlorooctane	84.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.8	% 42.2-15	6						

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### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 N - COMP 2 (H002195-08)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	ND	182	91.1	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/21/2020	ND	180	90.2	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	08/21/2020	ND					
Surrogate: 1-Chlorooctane	82.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	89.5	% 42.2-15	6						

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### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 N - COMP 3 (H002195-09)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	ND	182	91.1	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/21/2020	ND	180	90.2	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	08/21/2020	ND					
Surrogate: 1-Chlorooctane	85.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	89.5	% 42.2-15	6						

Surrogate: 1-Chlorooctadecane 89.5 % 42.2-156

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Celeg D. Freene



### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 S - COMP 1 (H002195-10)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	ND	182	91.1	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/21/2020	ND	180	90.2	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	08/21/2020	ND					
Surrogate: 1-Chlorooctane	83.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	89.0	% 42.2-15	6						

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### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 S - COMP 2 (H002195-11)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	ND	182	91.1	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/21/2020	ND	180	90.2	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	08/21/2020	ND					
Surrogate: 1-Chlorooctane	82.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	86.8	% 42.2-15	6						

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### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 S - COMP 3 (H002195-12)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2020	ND	183	91.6	200	6.67	
DRO >C10-C28*	<10.0	10.0	08/24/2020	ND	182	91.0	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	08/24/2020	ND					
Surrogate: 1-Chlorooctane	88.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	94.8	% 42.2-15	6						

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### Analytical Results For:

PIMA ENVIROMENTAL **CHRIS JONES** 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

**DEVON - EDDY COUNTY** Project Location:

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: S - 9 E - COMP (H002195-13)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2020	ND	183	91.6	200	6.67	
DRO >C10-C28*	<10.0	10.0	08/24/2020	ND	182	91.0	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	08/24/2020	ND					
Surrogate: 1-Chlorooctane	86.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	92.1	% 42.2-15	6						

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08/18/2020

### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Sampling Date:

Reported: 08/26/2020 Sampling Type: Soil
Project Name: STRAWBERRY FED 7 Sampling Condition: Cool & Intact

Project Number: 6 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY COUNTY

### Sample ID: S - 9 W - COMP (H002195-14)

Analyte Result Reporting Li	,	Method Blank	BS	0/ Daggyami			
			20	% Recovery	True Value QC	RPD	Qualifier
Benzene* <0.050 0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene* <0.050 0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene* <0.050 0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes* <0.150 0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX <0.300 0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID 96.6 % 73	.3-129						
Chloride, SM4500Cl-B mg/kg	Analyze	d By: AC					
Analyte Result Reporting Li	mit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride 880</b> 16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M mg/kg	Analyze	d By: MS					
Analyte Result Reporting Li	mit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.0 10.0	08/24/2020	ND	183	91.6	200	6.67	
DRO >C10-C28* <10.0 10.0	08/24/2020	ND	182	91.0	200	5.19	
EXT DRO >C28-C36 <10.0 10.0	08/24/2020	ND					
Surrogate: 1-Chlorooctane 89.5 % 44	1.3-144						
Surrogate: 1-Chlorooctadecane 94.6 % 42	2.2-156						

### Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 NORTH - L1 (H002195-15)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2020	ND	183	91.6	200	6.67	
DRO >C10-C28*	<10.0	10.0	08/24/2020	ND	182	91.0	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	08/24/2020	ND					
Surrogate: 1-Chlorooctane	89.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	95.5	% 42.2-15	6						

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### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/18/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 9 NORTH - L2 (H002195-16)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2020	ND	204	102	200	3.62	
DRO >C10-C28*	<10.0	10.0	08/25/2020	ND	200	100	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/25/2020	ND					
Surrogate: 1-Chlorooctane	94.1	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	96.5	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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08/18/2020

Tamara Oldaker

Sampling Date:

Sample Received By:

### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020

Reported: 08/26/2020 Sampling Type: Soil
Project Name: STRAWBERRY FED 7 Sampling Condition: Cool & Intact

Project Number: 6

Project Location: DEVON - EDDY COUNTY

### Sample ID: S - 9 NORTH - L3 (H002195-17)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	08/21/2020	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2020	ND	204	102	200	3.62	
DRO >C10-C28*	<10.0	10.0	08/25/2020	ND	200	100	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/25/2020	ND					
Surrogate: 1-Chlorooctane	94.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	97.2	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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### **Notes and Definitions**

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

QM-07

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Relinquished By:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Temp. °C Corrected Temp. °C

30

Sample Condition
Cool Intact
Pres Pres
No No

CHECKED BY: (Initials)

Turnaround Time: Thermometer ID #113 Correction Factor None

Standard Rush

REMARKS: Bill

to Devor

Received By:

Relinquished By:

service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

lates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any elinquished By:

Date: / Received By:

above stated reasons or otherwise.

Verbal Result:

All Results are emailed. Please provide Email address:

□ No

Date: Time: Date: Time:

# Page 20 of 21 **ARDINAL** aboratories

101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476		
Company Name: FIMG EaNIGH MENTEL		ANALYSIS REQUEST
Project Manager: Chris Tope es	P.O. #: 20863 165	
1	company: DEVAR	
City: Hobbic State: NM Zip: 00240	Attn: 10m Brayn	
2/11/2		

company name: Time Earling montal		ANALYSIS REQUEST
	P.O. #: 20863 165	
Address: 160 / W Turner ste, 500	Company: DeVan	
	zip: 60240	
Phone #: 575-964 - 7740 Fax #:	Address:	
Project #: 6 Project Ov	Project Owner: DEVOR City:	
Project Name: Strawlberry Fell 7	State: Zip:	
N	Phone #:	T
Sampler Name: Tristan, Jones	Fax #:	\\ \tag{\tau}
FOR LAB USE ONLY	MATRIX PRESERV. SAMPLING	E
Lab I.D. Sample I.D.	RAB OR (C)OMP, DNTAINERS DUNDWATER STEWATER L DGE HER: D/BASE: / COOL	PH STEX hlorides
159 6-1	02-31-0	< < <
25-9 86-2		
45-9 85-4	4	
5-59 86-5		
6 5-9 AC-6		
1 2-4 N-CAMP 1		
1 p-5		
8 dwo-1 N-Comb &		
	<	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



(575) 393-2326 FAX (575) 393-2476

Company Name: Pan Envillin	mental	B/LL 70	ANALYSIS REQUEST
51	59	P.O. #: 20863 16.	
Address: 1601 N. Turner	r Ste, 500	Company: DEVBA	
	State: /////		
shone #: 575 - 964 - 7740	<i>(</i> ) Fax #:		
Project #: 6	Project Owner: DEVOR	City:	
Project Name: SEROW DEWRY		State: Zip:	
on.	M	Phone #:	T / /
Sampler Name: Thistin	Jores	Fax #:	<i>X x x x x x x x x x x</i>
	MATRIX	PRESERV. SAMPLING	F
	ERS ATER		B7 or id
Lab I.D. Sample I.D.	(G)RAB OR # CONTAINE GROUNDW, WASTEWAT SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TPH WOODL Ch Co
11/5-9 5-611			-
2-0 6-	Comp3		
14 5-9 W-Q	(W)		
i Vary	77		
17 S-4 North	h-1-5	<	< < < < < < < < < < < < < < < < < < < <
nalyses. All daims including those for negligence and any other cervice. In no event shall Cerdinal be liable for incidental or consecutions or successors arising out of or related to the performance.	nalyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable ervice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.  Iffiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	g and received by Cardinal within 30 days after completion of the jons, loss of use, or loss of profits incurred by client, its subsidiarie claim is based upon any of the above stated reasons or otherwise.	Ancharin to the applicable completion of the applicable mit, its obsolidaries.
Relinquished By:	-	A STATE OF THE STA	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date: Received By:	- Comme	REMARKS: BILL to Devon
Sircle One)	S.O Sampl	CHECKED BY: (Initials)	Standard V
Sampler - UPS - Bus - Other: Co	Corrected Temp. °C	70.	



August 26, 2020

CHRIS JONES
PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS, NM 88240

RE: STRAWBERRY FED 7

Enclosed are the results of analyses for samples received by the laboratory on 08/20/20 15:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keine

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/19/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 11 N - COMP (H002196-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/21/2020	ND	416	104	400	3.77	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2020	ND	204	102	200	3.62	
DRO >C10-C28*	<10.0	10.0	08/25/2020	ND	200	100	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/25/2020	ND					
Surrogate: 1-Chlorooctane	89.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	91.0	% 42.2-15	6						

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### Analytical Results For:

PIMA ENVIROMENTAL **CHRIS JONES** 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

**DEVON - EDDY COUNTY** Project Location:

Sampling Date: 08/19/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: S - 11 S - COMP (H002196-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/21/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/21/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/21/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2020	ND	204	102	200	3.62	
DRO >C10-C28*	<10.0	10.0	08/25/2020	ND	200	100	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/25/2020	ND					
Surrogate: 1-Chlorooctane	89.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.9	% 42.2-15	6						

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### Analytical Results For:

PIMA ENVIROMENTAL **CHRIS JONES** 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

**DEVON - EDDY COUNTY** Project Location:

Sampling Date: 08/19/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: S - 11 E - COMP (H002196-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/22/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/22/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/22/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/21/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2020	ND	204	102	200	3.62	
DRO >C10-C28*	<10.0	10.0	08/25/2020	ND	200	100	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/25/2020	ND					
Surrogate: 1-Chlorooctane	97.2 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.3	% 42.2-15	6						

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### Analytical Results For:

PIMA ENVIROMENTAL CHRIS JONES 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 08/20/2020 Reported: 08/26/2020

Project Name: STRAWBERRY FED 7

Project Number: 6

Project Location: DEVON - EDDY COUNTY

Sampling Date: 08/19/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: S - 11 W - COMP (H002196-04)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2020	ND	2.09	105	2.00	1.71	
Toluene*	<0.050	0.050	08/22/2020	ND	2.07	104	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/22/2020	ND	2.06	103	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/22/2020	ND	5.97	99.5	6.00	1.61	
Total BTEX	<0.300	0.300	08/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/21/2020	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2020	ND	204	102	200	3.62	
DRO >C10-C28*	<10.0	10.0	08/25/2020	ND	200	100	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/25/2020	ND					
Surrogate: 1-Chlorooctane	95.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	97.4	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### **Notes and Definitions**

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Relinquished By:

Date: Time:

Received By:

REMARKS:

All Results are emailed. Please provide Email address:

□ No

Add'l Phone #:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Temp, °C Corrected Temp. °C

0,0

Sample Condition
Cool Intact
Pres Pres
No No

CHECKED BY: (Initials)

Standard Rush

Thermometer ID #113
Correction Factor None Turnaround Time: Relinquished By

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Date 8/3/2

Time!

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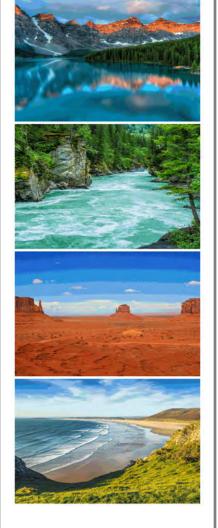
# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 7 of 7 101 East Marland, Hobbs, NM 88240 oratories

(575) 393-2326 FAX (575) 393-2476

Company Name: Fine Envisor a mental		BILL TO	ANALYSIS REQUEST
Project Manager: (hn/5 Jones		P.O. #: 20863165	
Urnen		Company: De VOR	
City: Hobbs State: N N	. 88240	Attn: Ton Bynun	
-964-7740 1		S:	
Project #: 6 Project Owner: DE VDA	er: De VOA city:		
Project Name: Strowberry Fed 7	State:	Zip:	
Project Location: Eddy , NM	Phone #:	#:	7
Sampler Name: Try Stan, Jones	Fax #:		X
	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE:	OTHER:  DATE  TIME	TPH BTEX Chloride
16-11 N-comp	V		
35-11 E-Comp			
45-11 W-comp	<	<-	\psi \psi \psi \psi \psi \psi \psi \psi
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Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

### Pima Environmental Services-Carlsbad

Project Name: Strawberry 7 Federal 2H

Work Order: E305147

Job Number: 01058-0007

Received: 5/25/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/1/23

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: 6/1/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Strawberry 7 Federal 2H

Workorder: E305147

Date Received: 5/25/2023 8:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/25/2023 8:20:00AM, under the Project Name: Strawberry 7 Federal 2H.

The analytical test results summarized in this report with the Project Name: Strawberry 7 Federal 2H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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# **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S4 - 1'	6
S4 - 3'	7
S4 - 5'	8
S6 - 1'	9
S6 - 3'	10
S6 - 4'	11
S7 - 1'	12
S7 - 3'	13
S7 - 5'	14
S9 - 1'	15
S9 - 3'	16
S9 - 5'	17
S10 - 1'	18
S10 - 4'	19
S10 - 5'	20
S11 - 1'	21
S11 - 4'	22
S11 - 5'	23
SW1	24
SW2	25

# Table of Contents (continued)

	SW3	26
	SW4	27
	SW5	28
	SW6	29
	SW7	30
	SW8	31
Q	C Summary Data	32
	QC - Volatile Organic Compounds by EPA 8260B	32
	QC - Volatile Organics by EPA 8021B	33
	QC - Nonhalogenated Organics by EPA 8015D - GRO	34
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	36
	QC - Anions by EPA 300.0/9056A	38
De	efinitions and Notes	40
CI	nain of Custody etc.	41

## **Sample Summary**

Г	Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	Donoutoda
	PO Box 247	Project Number:	01058-0007	Reported:
	Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/01/23 10:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S4 - 1'	E305147-01A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S4 - 3'	E305147-02A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S4 - 5'	E305147-03A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S6 - 1'	E305147-04A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S6 - 3'	E305147-05A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S6 - 4'	E305147-06A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S7 - 1'	E305147-07A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S7 - 3'	E305147-08A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S7 - 5'	E305147-09A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S9 - 1'	E305147-10A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S9 - 3'	E305147-11A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S9 - 5'	E305147-12A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S10 - 1'	E305147-13A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S10 - 4'	E305147-14A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S10 - 5'	E305147-15A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S11 - 1'	E305147-16A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S11 - 4'	E305147-17A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
S11 - 5'	E305147-18A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
SW1	E305147-19A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
SW2	E305147-20A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
SW3	E305147-21A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
SW4	E305147-22A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
SW5	E305147-23A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
SW6	E305147-24A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
SW7	E305147-25A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.
SW8	E305147-26A	Soil	05/19/23	05/25/23	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

# S4 - 1'

### E305147-01

		E303147-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/25/23	
Surrogate: n-Nonane		96.3 %	50-200	05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2321064
Chloride	7810	200	10	05/25/23	05/26/23	

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S4 - 3'

		E305147-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/25/23	
Surrogate: n-Nonane		99.0 %	50-200	05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2321064
Chloride	6140	100	5	05/25/23	05/26/23	

Chloride

# **Sample Data**

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S4 - 5'

E305147-03						
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/25/23	
Surrogate: n-Nonane		105 %	50-200	05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: RAS		Batch: 2321064

20.0

ND

05/25/23

05/26/23



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S6 - 1'

E30	151	47	$\Lambda A$
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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.1 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/25/23	
Surrogate: n-Nonane		97.6 %	50-200	05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2321064
Chloride	45.3	20.0	1	05/25/23	05/26/23	<u> </u>



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S6 - 3' E305147-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/25/23	
Surrogate: n-Nonane		94.7 %	50-200	05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2321064
Chloride	57.5	20.0	1	05/25/23	05/26/23	·



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S6 - 4'

E3051	47	ሰራ
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		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/25/23	
Surrogate: n-Nonane		98.2 %	50-200	05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2321064
Chloride	49.9	20.0	1	05/25/23	05/26/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S7 - 1'

### E305147-07

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.4 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/25/23	
Surrogate: n-Nonane		92.1 %	50-200	05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2321064
Chloride	221	20.0	1	05/25/23	05/26/23	•



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S7 - 3'

E305147-08				
	E3	N51	47	ΛQ

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/25/23	
Surrogate: n-Nonane		114 %	50-200	05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/26/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S7 - 5'

### E305147-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Marye				•	7 mary zeu	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/25/23	
Surrogate: n-Nonane		106 %	50-200	05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/26/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S9 - 1'

E3051	47 1	n
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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/25/23	
Surrogate: n-Nonane		106 %	50-200	05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/26/23	•



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S9 - 3'

### E305147-11

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/25/23	
Surrogate: n-Nonane		104 %	50-200	05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2321064
· · · · · · · · · · · · · · · · · · ·	ND	20.0	·	05/25/23	05/26/23	·



Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

# Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S9 - 5'

		E305147-12				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/26/23	

102 %

20.0

mg/kg

ND

50-200

05/25/23

05/25/23

Analyst: RAS

1

05/26/23

05/26/23

Batch: 2321064



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S10 - 1'

E305147-13						
Reporting						
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	159	25.0	1	05/25/23	05/26/23	
Oil Range Organics (C28-C36)	221	50.0	1	05/25/23	05/26/23	
Surrogate: n-Nonane		104 %	50-200	05/25/23	05/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2321064
Chloride	556	20.0	1	05/25/23	05/26/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S10 - 4'

E30	151	47	1	1
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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/25/23	
Toluene	ND	0.0250	1	05/25/23	05/25/23	
o-Xylene	ND	0.0250	1	05/25/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/25/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	05/25/23	05/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	52.5	25.0	1	05/25/23	05/26/23	
Oil Range Organics (C28-C36)	87.6	50.0	1	05/25/23	05/26/23	
Surrogate: n-Nonane		101 %	50-200	05/25/23	05/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2321064
Chloride	20.4	20.0	1	05/25/23	05/26/23	•



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S10 - 5'

		E305147-15					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2321055	
Benzene	ND	0.0250	1	05/25/23	05/26/23		
Ethylbenzene	ND	0.0250	1	05/25/23	05/26/23		
Toluene	ND	0.0250	1	05/25/23	05/26/23		
o-Xylene	ND	0.0250	1	05/25/23	05/26/23		
p,m-Xylene	ND	0.0500	1	05/25/23	05/26/23		
Total Xylenes	ND	0.0250	1	05/25/23	05/26/23		
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/25/23	05/26/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2321055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/26/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.4 %	70-130	05/25/23	05/26/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2321056	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/26/23		
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/26/23		
Surrogate: n-Nonane		103 %	50-200	05/25/23	05/26/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2321064	
Chloride	ND	20.0	1	05/25/23	05/26/23		



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S11 - 1' E305147-16

		1203147 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/26/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/26/23	
Toluene	ND	0.0250	1	05/25/23	05/26/23	
-Xylene	ND	0.0250	1	05/25/23	05/26/23	
o,m-Xylene	ND	0.0500	1	05/25/23	05/26/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/26/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130	05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/26/23	
Surrogate: n-Nonane		104 %	50-200	05/25/23	05/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2321064
Chloride	174	20.0	1	05/25/23	05/26/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

### S11 - 4' E305147-17

	E303147-17				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY	·	Batch: 2321055
ND	0.0250	1	05/25/23	05/26/23	
ND	0.0250	1	05/25/23	05/26/23	
ND	0.0250	1	05/25/23	05/26/23	
ND	0.0250	1	05/25/23	05/26/23	
ND	0.0500	1	05/25/23	05/26/23	
ND	0.0250	1	05/25/23	05/26/23	
	104 %	70-130	05/25/23	05/26/23	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2321055
ND	20.0	1	05/25/23	05/26/23	
	88.0 %	70-130	05/25/23	05/26/23	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2321056
ND	25.0	1	05/25/23	05/26/23	
ND	50.0	1	05/25/23	05/26/23	
	99.0 %	50-200	05/25/23	05/26/23	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2321064
234	20.0	1	05/25/23	05/26/23	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IO4 %         mg/kg           mg/kg         mg/kg           ND         20.0           88.0 %         mg/kg           ND         25.0           ND         50.0           99.0 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           MB/kg         mg/kg         Anal           ND         20.0         1           88.0 %         70-130         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           99.0 %         50-200           mg/kg         mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: IY           ND         0.0250         1         05/25/23           ND         0.0250         1         05/25/23           ND         0.0250         1         05/25/23           ND         0.0250         1         05/25/23           ND         0.0500         1         05/25/23           ND         0.0250         1         05/25/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         05/25/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         05/25/23           ND         50.0         1         05/25/23           ND         50.0         1         05/25/23           ND         50.0         1         05/25/23           ND         50.0         05/25/23           Mg/kg         Mg/kg         Analyst: RAS	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         05/25/23         05/26/23           ND         0.0500         1         05/25/23         05/26/23           ND         0.0250         1         05/25/23         05/26/23           Mg/kg         mg/kg         Analyst: IY         ND         05/26/23           Mg/kg         mg/kg         Analyst: IY         ND         20.0         1         05/25/23         05/26/23           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         05/25/23         05/26/23           ND         25.0         1         05/25/23         05/26/23           ND         50.0         1         05/25/23         05/26/23           ND         50.0         1         05/25/23         05/26/23



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

S11 - 5' E305147-18

	E505147 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2321055
ND	0.0250	1	05/25/23	05/26/23	
ND	0.0250	1	05/25/23	05/26/23	
ND	0.0250	1	05/25/23	05/26/23	
ND	0.0250	1	05/25/23	05/26/23	
ND	0.0500	1	05/25/23	05/26/23	
ND	0.0250	1	05/25/23	05/26/23	
	104 %	70-130	05/25/23	05/26/23	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2321055
ND	20.0	1	05/25/23	05/26/23	
	88.4 %	70-130	05/25/23	05/26/23	
mg/kg	mg/kg	Analy	yst: JL		Batch: 2321056
ND	25.0	1	05/25/23	05/26/23	
ND	50.0	1	05/25/23	05/26/23	
	102 %	50-200	05/25/23	05/26/23	
mg/kg	mg/kg	Analy	yst: RAS		Batch: 2321064
ND	20.0	1	05/25/23	05/27/23	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           ND         20.0250           88.4 %         mg/kg           Mg/kg         mg/kg           ND         25.0           ND         50.0           102 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           Mg/kg         mg/kg         Analy           ND         20.0         1           88.4 %         70-130           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           102 %         50-200           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         05/25/23           ND         0.0250         1         05/25/23           ND         0.0250         1         05/25/23           ND         0.0250         1         05/25/23           ND         0.0500         1         05/25/23           ND         0.0250         1         05/25/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         05/25/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         05/25/23           ND         25.0         1         05/25/23           ND         50.0         1         05/25/23           ND         50.0         1         05/25/23           ND         50.0         0         05/25/23           Mg/kg         Mg/kg         Analyst: RAS	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         05/25/23         05/26/23           ND         0.0500         1         05/25/23         05/26/23           ND         0.0250         1         05/25/23         05/26/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         05/25/23         05/26/23           mg/kg         mg/kg         Analyst: IV         ND         25.0         05/25/23         05/26/23           MD         25.0         1         05/25/23         05/26/23           ND         25.0         1         05/25/23         05/26/23           ND         50.0         1         05/25/23         05/26/23           ND         50.0         1         05/25/23         05/26/23           ND         50.0         <



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

### SW1

### E305147-19

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/26/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/26/23	
Toluene	ND	0.0250	1	05/25/23	05/26/23	
o-Xylene	ND	0.0250	1	05/25/23	05/26/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/26/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/26/23	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/26/23	
Surrogate: n-Nonane		102 %	50-200	05/25/23	05/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/27/23	·

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

### SW2

E30514	17-20
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2321055
Benzene	ND	0.0250	1	05/25/23	05/26/23	
Ethylbenzene	ND	0.0250	1	05/25/23	05/26/23	
Toluene	ND	0.0250	1	05/25/23	05/26/23	
o-Xylene	ND	0.0250	1	05/25/23	05/26/23	
p,m-Xylene	ND	0.0500	1	05/25/23	05/26/23	
Total Xylenes	ND	0.0250	1	05/25/23	05/26/23	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.1 %	70-130	05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2321056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/23	05/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/23	05/26/23	
Surrogate: n-Nonane		103 %	50-200	05/25/23	05/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2321064



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

### SW3 E305147-21

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2321060
Benzene	ND	0.0250		1	05/25/23	05/26/23	
Ethylbenzene	ND	0.0250		1	05/25/23	05/26/23	
Toluene	ND	0.0250		1	05/25/23	05/26/23	
o-Xylene	ND	0.0250		1	05/25/23	05/26/23	
p,m-Xylene	ND	0.0500		1	05/25/23	05/26/23	
Total Xylenes	ND	0.0250	·	1	05/25/23	05/26/23	
Surrogate: Bromofluorobenzene		112 %	70-130		05/25/23	05/26/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		05/25/23	05/26/23	
Surrogate: Toluene-d8		107 %	70-130		05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2321060
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/25/23	05/26/23	
Surrogate: Bromofluorobenzene		112 %	70-130		05/25/23	05/26/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		05/25/23	05/26/23	
Surrogate: Toluene-d8		107 %	70-130		05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2321058
Diesel Range Organics (C10-C28)	ND	25.0		1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/25/23	05/25/23	
Surrogate: n-Nonane		103 %	50-200		05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2321065
	ND	20.0		1	05/25/23	05/25/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

### SW4

### E305147-22

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2321060
Benzene	ND	0.0250		1	05/25/23	05/26/23	
Ethylbenzene	ND	0.0250		1	05/25/23	05/26/23	
Toluene	0.0295	0.0250		1	05/25/23	05/26/23	
o-Xylene	ND	0.0250		1	05/25/23	05/26/23	
p,m-Xylene	ND	0.0500		1	05/25/23	05/26/23	
Total Xylenes	ND	0.0250		1	05/25/23	05/26/23	
Surrogate: Bromofluorobenzene		109 %	70-130		05/25/23	05/26/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		05/25/23	05/26/23	
Surrogate: Toluene-d8		105 %	70-130		05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2321060
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/25/23	05/26/23	
Surrogate: Bromofluorobenzene		109 %	70-130		05/25/23	05/26/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		05/25/23	05/26/23	
Surrogate: Toluene-d8		105 %	70-130		05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2321058
Diesel Range Organics (C10-C28)	ND	25.0		1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/25/23	05/25/23	
Surrogate: n-Nonane		106 %	50-200		05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2321065
Chloride	ND	20.0		1	05/25/23	05/25/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

### SW5

### E305147-23

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2321060
Benzene	ND	0.0250		1	05/25/23	05/26/23	
Ethylbenzene	ND	0.0250		1	05/25/23	05/26/23	
Toluene	ND	0.0250		1	05/25/23	05/26/23	
o-Xylene	ND	0.0250		1	05/25/23	05/26/23	
p,m-Xylene	ND	0.0500		1	05/25/23	05/26/23	
Total Xylenes	ND	0.0250		1	05/25/23	05/26/23	
Surrogate: Bromofluorobenzene		109 %	70-130		05/25/23	05/26/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		05/25/23	05/26/23	
Surrogate: Toluene-d8		107 %	70-130		05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2321060
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/25/23	05/26/23	
Surrogate: Bromofluorobenzene		109 %	70-130		05/25/23	05/26/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		05/25/23	05/26/23	
Surrogate: Toluene-d8		107 %	70-130		05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2321058
Diesel Range Organics (C10-C28)	ND	25.0		1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/25/23	05/25/23	
Surrogate: n-Nonane		99.8 %	50-200		05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2321065
Chloride	ND	20.0		1	05/25/23	05/25/23	_



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

### SW6

E305147-24								
Reporting								
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2321060	
Benzene	ND	0.0250		1	05/25/23	05/26/23		
Ethylbenzene	ND	0.0250		1	05/25/23	05/26/23		
Toluene	ND	0.0250		1	05/25/23	05/26/23		
o-Xylene	ND	0.0250		1	05/25/23	05/26/23		
p,m-Xylene	ND	0.0500		1	05/25/23	05/26/23		
Total Xylenes	ND	0.0250		1	05/25/23	05/26/23		
Surrogate: Bromofluorobenzene		108 %	70-130		05/25/23	05/26/23		
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		05/25/23	05/26/23		
Surrogate: Toluene-d8		106 %	70-130		05/25/23	05/26/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2321060	
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/25/23	05/26/23		
Surrogate: Bromofluorobenzene		108 %	70-130		05/25/23	05/26/23		
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		05/25/23	05/26/23		
Surrogate: Toluene-d8		106 %	70-130		05/25/23	05/26/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2321058	
Diesel Range Organics (C10-C28)	ND	25.0		1	05/25/23	05/25/23		
Oil Range Organics (C28-C36)	ND	50.0	:	1	05/25/23	05/25/23		
Surrogate: n-Nonane		106 %	50-200	·	05/25/23	05/25/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2321065	
		•					•	

20.0

05/25/23

05/25/23

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

### SW7

E305147-25										
Reporting										
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes			
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	L		Batch: 2321060			
Benzene	ND	0.0250	1	1	05/25/23	05/26/23				
Ethylbenzene	ND	0.0250	1	1	05/25/23	05/26/23				
Toluene	ND	0.0250	1	1	05/25/23	05/26/23				
o-Xylene	ND	0.0250	1	1	05/25/23	05/26/23				
p,m-Xylene	ND	0.0500	1	1	05/25/23	05/26/23				
Total Xylenes	ND	0.0250	1	1	05/25/23	05/26/23				
Surrogate: Bromofluorobenzene		109 %	70-130		05/25/23	05/26/23				
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		05/25/23	05/26/23				
Surrogate: Toluene-d8		107 %	70-130		05/25/23	05/26/23				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: S	L		Batch: 2321060			
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/25/23	05/26/23				
Surrogate: Bromofluorobenzene		109 %	70-130		05/25/23	05/26/23				
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		05/25/23	05/26/23				
Surrogate: Toluene-d8		107 %	70-130		05/25/23	05/26/23				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2321058			
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/25/23	05/25/23				
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/25/23	05/25/23				
Surrogate: n-Nonane		107 %	50-200		05/25/23	05/25/23				
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: R	AS		Batch: 2321065			

20.0

05/25/23

05/25/23

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

### SW8 E305147-26

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		1 mary 200	Batch: 2321060
Volatile Organic Compounds by EPA 8260B  Benzene	ND	0.0250		1	05/25/23	05/26/23	Batch: 2321000
Ethylbenzene	ND	0.0250		1	05/25/23	05/26/23	
Toluene	ND	0.0250		1	05/25/23	05/26/23	
o-Xylene	ND	0.0250		1	05/25/23	05/26/23	
p,m-Xylene	ND	0.0500		1	05/25/23	05/26/23	
Total Xylenes	ND	0.0250		1	05/25/23	05/26/23	
Surrogate: Bromofluorobenzene		108 %	70-130		05/25/23	05/26/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		05/25/23	05/26/23	
Surrogate: Toluene-d8		107 %	70-130		05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2321060
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/25/23	05/26/23	
Surrogate: Bromofluorobenzene		108 %	70-130		05/25/23	05/26/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		05/25/23	05/26/23	
Surrogate: Toluene-d8		107 %	70-130		05/25/23	05/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2321058
Diesel Range Organics (C10-C28)	ND	25.0		1	05/25/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/25/23	05/25/23	
Surrogate: n-Nonane		108 %	50-200		05/25/23	05/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2321065
Chloride	ND	20.0		1	05/25/23	05/25/23	



Strawberry 7 Federal 2H Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/1/2023 10:03:12AM **Volatile Organic Compounds by EPA 8260B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2321060-BLK1) Prepared: 05/25/23 Analyzed: 05/26/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.544 0.500 109 70-130 Surrogate: 1,2-Dichloroethane-d4 0.485 0.500 96.9 70-130 0.500 106 70-130 Surrogate: Toluene-d8 0.528 LCS (2321060-BS1) Prepared: 05/25/23 Analyzed: 05/26/23 2.45 0.0250 2.50 97.9 70-130 Benzene 2.50 99.9 70-130 2.50 Ethylbenzene 0.0250 99.8 2.50 0.0250 2.50 70-130 70-130 2.73 0.0250 2.50 109 o-Xylene 5.40 5.00 108 70-130 p,m-Xylene 0.0500 8.13 0.0250 7.50 108 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.546 0.500 109 70-130 0.500 98.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.495 70-130 Surrogate: Toluene-d8 0.530 0.500 Matrix Spike (2321060-MS1) Source: E305147-21 Prepared: 05/25/23 Analyzed: 05/26/23 2.48 0.0250 2.50 ND 99.3 48-131 45-135 Ethylbenzene 2.56 0.0250 2.50 ND 102 ND 103 48-130 Toluene 2.57 0.0250 2.50 2.79 0.0250 2.50 ND 112 43-135 o-Xylene 5.54 ND 111 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 8.33 0.0250 7.50 ND 111 43-135 Surrogate: Bromofluorobenzene 0.548 0.500 110 70-130 0.511 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 107 70-130 0.536 Surrogate: Toluene-d8 Matrix Spike Dup (2321060-MSD1) Source: E305147-21 Prepared: 05/25/23 Analyzed: 05/26/23



3.37

2.66

2.35

3.07

2.49

2.68

23

27

24

27

27

27

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.57

2.63

2.88

5.67

8.56

0.545

0.505

0.535

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

ND

ND

ND

ND

ND

ND

103

105

115

113

114

109

101

107

Strawberry 7 Federal 2H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 6/1/2023 10:03:12AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2321055-BLK1) Prepared: 05/25/23 Analyzed: 05/25/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.29 8.00 104 70-130 LCS (2321055-BS1) Prepared: 05/25/23 Analyzed: 05/25/23 4.29 85.9 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.47 0.0250 5.00 89.3 70-130 4.61 0.0250 5.00 92.2 70-130 Toluene 94.5 o-Xylene 4.73 0.0250 5.00 70-130 9.24 10.0 92.4 70-130 0.0500 p.m-Xvlene 93.1 70-130 14.0 15.0 Total Xylenes 0.0250 8.00 104 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.32 Matrix Spike (2321055-MS1) Source: E305147-01 Prepared: 05/25/23 Analyzed: 05/25/23 4.55 0.0250 5.00 ND 54-133 Benzene ND 94.1 61-133 Ethylbenzene 4.71 0.0250 5.00 Toluene 4.87 0.0250 5.00 ND 97.5 61-130 4.97 ND 99.4 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.73 0.0500 10.0 ND 97.3 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.33 8.00 Matrix Spike Dup (2321055-MSD1) Source: E305147-01 Prepared: 05/25/23 Analyzed: 05/25/23 4.30 0.0250 5.00 ND 86.0 54-133 5.61 61-133 5.35 4.46 0.0250 5.00 ND 89.2 20 Ethylbenzene 61-130 Toluene 4 62 0.0250 5.00 ND 92.3 5 45 20 4.72 5.00 ND 94.4 63-131 5.16 20 o-Xylene 0.0250 9.23 92.3 10.0 ND 63-131 5.26 20 p,m-Xylene 0.0500



13.9

8.28

0.0250

15.0

8.00

ND

93.0

103

63-131

70-130

5.23

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	·
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

Plains TX, 79355-0247		Project Manage		m Bynum					5/1/2023 10:03:12AN
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2321055-BLK1)							Prepared: 05	5/25/23 An	alyzed: 05/25/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.2	70-130			
LCS (2321055-BS2)							Prepared: 05	5/25/23 An	alyzed: 05/25/23
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0		93.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			
Matrix Spike (2321055-MS2)				Source:	E305147-0	)1	Prepared: 05	5/25/23 An	alyzed: 05/25/23
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.2	70-130			
Matrix Spike Dup (2321055-MSD2)				Source:	E305147-	01	Prepared: 05	5/25/23 An	alyzed: 05/25/23
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.7	70-130	0.816	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			



Strawberry 7 Federal 2H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 6/1/2023 10:03:12AM Plains TX, 79355-0247 Project Manager: Tom Bynum

Nonhalogenated	Organics 1	by EPA 8015	SD - GRO
Tionnaiogenateu	O Zames	U y ELLIA UUL.	D - OILO

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2321060-BLK1)							Prepared: 0	5/25/23 Analy	/zed: 05/26/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			
LCS (2321060-BS2)							Prepared: 0	5/25/23 Analy	zed: 05/26/23
Gasoline Range Organics (C6-C10)	64.3	20.0	50.0		129	70-130			
Surrogate: Bromofluorobenzene	0.552		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			
Matrix Spike (2321060-MS2)				Source:	E305147-	21	Prepared: 0	5/25/23 Analy	zed: 05/30/23
Gasoline Range Organics (C6-C10)	65.3	20.0	50.0	ND	131	70-130			Ml

Matrix Spike (2321060-MS2)					E305147-	21	Prepared: 05/25/23 Analyzed: 05/30/23	
Gasoline Range Organics (C6-C10)	65.3	20.0	50.0	ND	131	70-130	M1	
Surrogate: Bromofluorobenzene	0.555		0.500		111	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130		
Surrogate: Toluene-d8	0.549		0.500		110	70-130		

Matrix Spike Dup (2321060-MSD2)				Source:	E305147-2	21	Prepared: 05	5/25/23 Analyzed: 05/30/23
Gasoline Range Organics (C6-C10)	65.2	20.0	50.0	ND	130	70-130	0.163	20
Surrogate: Bromofluorobenzene	0.562		0.500		112	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130		
Surrogate: Toluene-d8	0.551		0.500		110	70-130		

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					6/1/2023 10:03:12AN	
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2321056-BLK1)							Prepared: 0	5/25/23	Analyzed: 05/25/23	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
urrogate: n-Nonane	57.3		50.0		115	50-200				
LCS (2321056-BS1)							Prepared: 0	5/25/23	Analyzed: 05/25/23	
Diesel Range Organics (C10-C28)	247	25.0	250		98.8	38-132				
urrogate: n-Nonane	51.0		50.0		102	50-200				
Matrix Spike (2321056-MS1)				Source:	E305147-	12	Prepared: 0	5/25/23	Analyzed: 05/25/23	
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.8	38-132				
urrogate: n-Nonane	51.7		50.0		103	50-200				
Matrix Spike Dup (2321056-MSD1)				Source:	E305147-	12	Prepared: 0	5/25/23	Analyzed: 05/25/23	
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.4	38-132	5.49	20		
urrogate: n-Nonane	48.2		50.0		96.4	50-200				



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					6/1/2023 10:03:12AN	
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2321058-BLK1)							Prepared: 0	5/25/23 A	Analyzed: 05/25/23	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	54.6		50.0		109	50-200				
LCS (2321058-BS1)							Prepared: 0	5/25/23 A	Analyzed: 05/25/23	
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132				
Surrogate: n-Nonane	52.8		50.0		106	50-200				
Matrix Spike (2321058-MS1)				Source:	E305148-	01	Prepared: 0	5/25/23 A	Analyzed: 05/25/23	
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132				
Surrogate: n-Nonane	54.5		50.0		109	50-200				
Matrix Spike Dup (2321058-MSD1)				Source:	E305148-	01	Prepared: 0	5/25/23 A	Analyzed: 05/25/23	
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	38-132	1.63	20		
Surrogate: n-Nonane	52.0		50.0		104	50-200				
		25.0		ND			1.63	20		



Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Strawberry 7 Federal 2H 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2023 10:03:12AM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				6/	1/2023 10:03:12AM
		Anions	by EPA 3	00.0/9056	4				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2321064-BLK1)							Prepared: 0	5/25/23 Ana	lyzed: 05/26/23
Chloride	ND	20.0							
LCS (2321064-BS1)							Prepared: 0	5/25/23 Ana	lyzed: 05/26/23
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2321064-MS1)				Source:	E305147-	01	Prepared: 0	5/25/23 Ana	lyzed: 05/26/23
Chloride	7880	200	250	7810	29.7	80-120			M4
Matrix Spike Dup (2321064-MSD1)				Source:	E305147-	01	Prepared: 0	5/25/23 Ana	lyzed: 05/26/23
Chloride	7720	200	250	7810	NR	80-120	2.02	20	M4



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		trawberry 7 Fe	deral 2H				Rep	oorted:
Plains TX, 79355-0247		Project Manager:		Tom Bynum					6/1/2023	10:03:12AM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analys	t: RAS
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limi		Notes
Blank (2321065-BLK1)							Prepared: 0:	5/25/23	Analyzed:	05/25/23
Chloride	ND	20.0							<u> </u>	
LCS (2321065-BS1)							Prepared: 0	5/25/23	Analyzed:	05/25/23
Chloride	254	20.0	250		101	90-110				
Matrix Spike (2321065-MS1)				Source:	E305147-2	21	Prepared: 0:	5/25/23	Analyzed:	05/25/23
Chloride	255	20.0	250	ND	102	80-120				
Matrix Spike Dup (2321065-MSD1)				Source:	E305147-2	21	Prepared: 0	5/25/23	Analyzed:	05/25/23
Chloride	256	20.0	250	ND	102	80-120	0.214	20		

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



### **Definitions and Notes**

I	Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Federal 2H	
I	PO Box 247	Project Number:	01058-0007	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/01/23 10:03

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

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Ro	
based	Project Information
o Ima	Client: Pima Envir
oin.	Project: Strawhe Project Manager: 7
9	Address: 5614 N. I
8	City, State, Zip Hol
6/202	Phone: 580-748-1
3	Email: tom@nim

Chain of Custody

	1		1
Page _	1	_ of _	>

Client: Pima Environmental Services			Bill To				La	b Us	e Onl	У	****			TA	T	EPA I	rogram		
Project: S	trawhe	cry 7	Fed.		Attention: De yon		Lab	WO#		,	Job N	lumbe	er	1D	2D	3D	Standard	CWA	SDWA
Project M					Address:	_	EC	051	41			587					×		RCRA
Address: City, State					City, State, Zip Phone:		-	г т			Anaiys	sis and	Metho	d T			-	-	NCNA
Phone: 5			VI. 00240		Email:		5	5										State	
Email: tom@pimaoil.com				y 8015	y 8015	11	0		0.0		5			NM C	O UT AZ	Z TX			
Report du	e by:				Pima Project #		RO b	RO b	y 802	826	6010	le 30		N	¥		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	верос			Remark	s
10:00	5/19/23	Ş	1	54-1		1								X					
10:05			1	54-3		2			numer.									eathering or the second	
16:10				54-5"		3													
10:15				56-1		4													
10:10				56-3		5													
10:25				56-4		6												11-0	
16:30				57-1		7													
10:35				57-3"		8													
10:40				57-5'		9													
10:45		1		29-1,		10								1					
Additiona	l Instruct	ions:			WO# 2113	6920	j				e in initial								
				city of this sample. I hay be grounds for leg	am aware that tampering with or intentionally mislabe gal action. <u>Sampled by:</u>	elling the sampl	le locati	ion,						p above	0 but le	ess than 6	eived on ice the		pled or received
Relinquished	e Ho	ame	Date 54	24/2) Time		Date 5-24	23	Time	000	0	Rece	eived	on ice:		$\frac{ab}{Y}/N$	se On	ly		
	elle	luste	Date 5	24-23 18	15 Received by: (Signature) 0	5.71	4.73	Time	23	7	T1			T2			T3		
Relinquished	by: (Signa		Date	24.73 Time	Regived by (Signature)	Date 5	123	Time 8	:20	)	AVG	Tem	p°C_	4					
Sample Matri	c: S - Soil, Sd	- Solid, Sg -	Sludge, A - A	queous, O - Other		Containe	er Typ	e: g -	glass,	<b>p</b> - p	oly/pl	lastic,	ag - aml	er gla	ass, v	- VOA	10 /01/100		
Note: Samp	es are disca	orded 30 d	ays after re	sults are reported u	inless other arrangements are made. Hazardou	ıs samples wi	ll be re	turne	to cl	ient o	r dispo	sed of	at the cli	ent ex	pense	. The r	report for the	analysis of th	ne above
samples is a	pplicable o	nly to thos	e samples r	eceived by the labo	ratory with this COC. The liability of the laborate	ory is limited	to the	amour	nt paid	d for d	on the	report.				-		2.1	



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

dational matractions.		MO# 511	1567 20		
(field sampler), attest to the validity and ate or time of collection is considered frau	Commission of the Commission of the Second Commission of the Commi	that tampering with or intentionally mislabellin	ng the sample location,	Samples requiring thermal preservation must be received on ice the day they are sampled or rec packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.	iv
relinguished by: (Signature)	SI24/23 1430	Received by: (Signature)	5-24-23 Time 5-24-23 1600	Lab Use Only Received on ice: (Y)/ N	
delinquished by: (Signature)	5-24-23 Time 5-24-23 18/5	Received by: (Signature)	5.24.B 1630	<u>T1                                    </u>	
HILLEW MSSO	5-423 2400	Received by Signature Man	5/25/23 8:20	AVG Temp °C 4	70

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



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

Client: Pima	Envir	onment	tal Servi	ces	<b>N</b>	Bill To				La	b Us	e Onl	У				TA	Т	EPA P	rogram
Project: 5to	awbe	can 1	Fed.		Attention: Pevos	n		Lab	WO#			Job N				2D	3D	Standard	CWA	SDWA
Project Mana					Address:			Ed	<b>303</b>	14-				00				/		
Address: 56°					City, State, Zip							Analys	is ar	d Metho	od					RCRA
City, State, Zi			<u>/I. 88240</u>	)	Phone:															
Phone: 580-					Email:			015	015	1							1 1	······································	State	I = v I
Email: tome		aoil.cor	n		Pima Project #	1-1-		by 8	by 8	121	09	01	0.00		Σ	_			UT AZ	TX
Report due b					T inta t toject ii	1-0	r	ORO	ORO	by 8(	γ 82	s 60.	de 3			×		X		
The state of the s	ate npled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
11:40 5/1	9/23	5	1	Sw3			21								X					
11:45			1	5W4			22													
11:50				5W5			23								1					
11:55				SW6			24													
12:00				SW7			25													
12805	上	工	1	SW8			20								1					
•)							+													
Additional In	struct	ions:				MOH	211	3(	097	O										
				ticity of this sample. I may be grounds for le	am aware that tampering with o gal action. Sample	or intentionally mislabelli ed by:	ng the sample	locati	on,									eived on ice the da i °C on subsequent		led or received
Relinguished by	: (Signat	me)	ne 5		Received by: (Sign	nature	Date 5-24-	B	Time	600		Rece	ivec	on ice:	100	Lab U	lse On V	ly		
Relinquished by	ele	ey vol	Date 5	24-23 Time	Received by: (Sign	Misso	Date 5-24		Time	30	)	T1			<u>T2</u>			<u>T3</u>		
Relinquished by	(Signat	W55	Date	24.73 7	too Received by: Sign	Mars	Date   5   25	23	Time	Z	5	AVG	Ten	np °C	4					
			Sludge, A - A	Aqueous, O - Other			Containe								ber gla	ass, v	- VOA	10 100		
Note: Samples a	are disca	rded 30 d	ays after re	sults are reported	unless other arrangements ar	re made. Hazardous												eport for the a	nalysis of the	above
samples is appli	icable or	ly to thos	e samples	received by the lab	oratory with this COC. The lial	bility of the laboratory	is limited to	o the a	amour	nt paid	foro	n the r	eport							



Printed: 5/25/2023 10:07:52AM

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/25/23 0	8:20		Work Order ID:	E305147
Phone:	(575) 631-6977	Date Logged In:	05/24/23 1	6:10		Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/01/23 1	7:00 (4 day TAT)			
1. Does th	Custody (COC)  te sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	itch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>'ourier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
	Il samples received within holding time?  Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes	г		Comment	s/Resolution
	COS I II I I I I I I I I I I I I I I I I		**				
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
7. Was a s	Cooler cample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling	re received w/i 15	Yes				
13. If no v	visible ice, record the temperature. Actual sample	e temperature: 4°0	<u>C</u>				
Sample C							
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
	o <mark>el</mark> field sample labels filled out with the minimum inf ample ID?	ormation:	Yes				
	ate/Time Collected?		Yes	L			
C	ollectors name?		No				
Sample P	<u>reservation</u>						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ise?	No				
	does the COC specify which phase(s) is to be anal		NA				
		•					
	act Laboratory	9	NT.				
	amples required to get sent to a subcontract laborate	-	No	01 4 41 1	37.4		
29. was a	subcontract laboratory specified by the client and i	1 SO WIIO?	NA	Subcontract Lab	: NA		
Client In	<u>istruction</u>						

Page 44 of 47

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

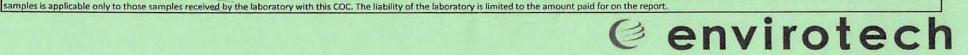
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Strauberry 7 Federal 2H (m)																							
Str	autoe	rr	y	7	Fec	eral 2	H	(m)							-								
Client: P	ima Env	riror	ment	al S	ervic	es		Bill To				-		e Onl		See See	10	2D		AT I c+	andard	CWA	SDWA
Project: S Project N	12Dager	TO	y /	G.	_ <			Attention: Pc yon Address:		Lab	WO#	147		U dol	umi SQ -	7000		20	30	30	X	CVVA	JUVA
Address:								City, State, Zip		ساسا	<i>N</i>		harries 4	Analy	sis an	d Meth	od		4				RCRA
City, Stat	CONTRACTOR OF THE PARTY OF THE		AND DESCRIPTION OF THE PERSON NAMED IN	Contract of the last	TOTAL STREET,			Phone:							T			T			7-10-10		
Phone: 5	580-748	-16	13					Email:		8015	315											State	
Email: 1		mac	oil.con	n				Pima Project # \-(o		by 8(	by 8	170	09	10	0.00		2	×			NM CO	UI AZ	IX
Report d		1			-			Tima Froject # [ W	Lab	SR S	DRO	by 80	by 82	ls 60	ide 3		14	2.0					
Time Sampled	Date Sampled	N	1atrix		alners	Sample ID			Number	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		RGDOC	BGDOC				Remarks	
10:00	5/19/12	5		1		54-1			1								X				upda	ted f	roject
10:05				1		54-3			2												name	pe	r
16:10						54-5"			3												Seb	astic	m
10:15						56-1			4												5/26	123	CM
10:10						56-3			5					8									
10:25						56-4			6														
16:30						57-1			7														
10:35						57-3"			8														
10:40						57-5			9														
10:45			1			29-1			10														
Addition	al Instru	ction	ns;					WO# 2113	36920	j				Charles II									1
						city of this sample.		ware that tampering with or intentionally mislat	elling the samp	le locat	tion,										on ice the day n subsequent da		led or received
Relinquishe	d by: (Sign				SA SA	24/2) Time	430	Received by: (Signartire) Michille (Curle	Date 5-24	423	Time	60	0	Rec	eivec	l on ice	e: (	Y)/	Use C	Only			
Much	telinquished by: (Signature) Date S24-B 1815 Received by: (Signature) Date S24-B 1815 HUCW MS50 5.24.3 1830 T1 T2 T3																						
Relinquishe		Nuc	7		Date	24.73 Time		Regived by (Signature)	Date 5	123	Time	3.71	0	AVO	a Ten	np °C_	4						
Sample Matr	ix: S - Soil, S	d - Sc	lid, Sg -	Sludge	e, A - Ac	queous, O - Other_	,,,		Contain	er Typ	oe: g	glass	, p - p	oly/p	lastic	, ag - ai	nber	glass,	v - VO	Α			
Note: Samp	oles are dis	card	ed 30 da	ays af	ter res	sults are reported	unle	ss other arrangements are made. Hazardo	us samples w	ill be r	eturne	ed to c	lient o	or dispo	osed o	of at the	client	expen	se. Th	e repo	rt for the an	alysis of th	e above

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Project Information		of Custody Page Z_of_										_ of _ 3			
Strawberry 7	Federal ZH	(cm)													*
Client: Pima Environmental S	ervices	a Bill To					Jse Or					TAT			ogram
Project: Strawberry 7 F	Sd:	Attention: De Von Address:	_	Fap?	wo# 051	411		Numb		1D	2D	3D S	tandard	CWA	SDWA
Address: 5614 N. Lovington F		City, State, Zip	-	EC	ادەر				Method				THE REAL PROPERTY.		RCRA
City, State, Zip Hobbs, NM, 88		Phone:			T	T			The state of the s						
Phone: 580-748-1613		Email:		135	St I									State	
Email: tom@pimaoil.com		Pima Project # 1-6		by 80	by 80	17 08	0	0.00		NN			NM CO	UT AZ	TX
Report due by:	<del></del>	Fillia Project # 1 Ø	1 120	ORO	DRO	by 80	s 601	de 3(			ķ.		X		
Mateix	o. of tainers Sample ID	4	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8023	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
10:50 5/19/23 5	1 59-3		11							X					
10:55	59-5		12												
11:00	510-i		13												
11:05	510-4		14												
11:10	510-5		15												
11:15	51-1.		16												
11:20	511-4"		17												
11:25	511-5		18												
11:36	301		19												
11:36	SWZ		20							1				-	
Additional Instructions:		WO# 211		20	)										
I, (field sampler), attest to the validity and audate or time of collection is considered fraud		ware that tampering with or intentionally mislabelling	ng the sample	locatio	on,								ed on ice the day on subsequent da		ed or received
Relinguished by: (Signature)	Date / Time	Received by: (Signature)	Date		Time,		T INST	State Action		L	ab Us	se Only	Resolver all	N. C. S. S. S.	
Karine Adame	15/24/23   1430	Michelle Class	5-24-	23	16	00	Red	eived	on ice:		NIC				
Relinquished by: (Signature)	Date 7/1 02 Time	Received by: (Signature)	Date		Time	2				L					
Relinquished by: (Signature)	5-24-73 1815	militer 111650	2.77	4.12	146	20	T1			<u>T2</u>	Will be		<u>T3</u>		
Andrew MSSO	5-24-23 240	Retgived by/Signature Mass	5/2	5/23	8	:20		G Tem		1_					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge			Containe	r Type	e: g - gl	ass, p -	poly/	olastic,	ag - ambe	er gla	ss, v -	VOA			
Note: Samples are discarded 30 days af	fter results are reported unles	ss other arrangements are made. Hazardous s	samples wil	be ret	turned t	to client	or disp	osed of	at the clie	nt exp	pense.	The rep	ort for the ana	alysis of the	above



Page 156 of 197

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Chain of custody																					
Stra	wber	mi	The	dera	ces	(cn	n)														
Client: P	ima Env	iron	nent	al Serv	ces	San I	► Bill To		200		La		e On					TA		EPA PI	rogram
Project:	Haut	S LALIA	17	For	4	A	ttention: Devon	0.2	Lab	WO#				Numb		1D	2D	3D	Standard	CWA	SDWA
Project N						100.00	ddress:		E	305	14		0/0	58.	000	5			/		
Address:		The second second	St. Contract			1	ity, State, Zip						Analy	sis and	Metho	d					RCRA
City, Stat	The second secon	March St. Co.	1	1. 8824	)	306340	hone:												AND DESCRIPTION OF THE PARTY OF	Chata	
Phone:						E	mail:		015	015		U							NINAL CO	State UT AZ	TX
Email: Report d	HICHELIAN STREET	naoi	.con	1		F	Pima Project #  -6		to by 8	O by 8	8021	8260	5010	300.0		NM	¥		3	UT AZ	1/
Time Sampled	Date Sampled	Ma	trix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC			Remarks	
11:40	5/19/2	5			563			21								X					
11:45					5W4		in and the second second	22								1					
11:50					5W5			23								1					
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date or time	of collection	is con:	sidered		ticity of this sample. I may be grounds for le					ion,						np above	0 but le	ss than 6	eived on ice the day °C on subsequent of		led or received
	rime	A	) and	re 5	24/23 Time	30	Received by: (Signature)  Michiella Curs	_ 5-24	B	Time	60	0	Rec	eived	on ice:		ab U	se Onl I	ly		
	elle	ely?	rolls	L Dat	24-23 Time	315	Received by: (Signature)	5.21	4-2	Time	3	0	T1		14	<u>T2</u>			<u></u>		
	Relinquished by: (Signature)  His Sun Bereived by: Signature  Bereived by: Signature  5/25/23 8:20 AVG Temp °C 4																				
Sample Mat	rix: S - Soil, S	d - Soli	d, Sg -	Sludge, A -	Aqueous, O - Other			Contain	er Typ	e: g -	glass	, p - p	oly/p	lastic,	ag - am	ber gla	ass, v	VOA			
							other arrangements are made. Hazar									ient ex	pense.	The re	eport for the ar	alysis of the	above
samples is	applicable	only to	those	samples	received by the labor	oratory	with this COC. The liability of the labo	ratory is limited	to the	amour	nt pair	d for o	on the	report							



Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

# **Analytical Report**

### Pima Environmental Services-Carlsbad

Project Name: Strawberry 7 Fed #2

Work Order: E307062

Job Number: 01058-0007

Received: 7/17/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/18/23

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: 7/18/23

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Strawberry 7 Fed #2

Workorder: E307062

Date Received: 7/17/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/17/2023 8:30:00AM, under the Project Name: Strawberry 7 Fed #2.

The analytical test results summarized in this report with the Project Name: Strawberry 7 Fed #2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

Envirotech Web Address: www.envirotech-inc.com

### **Table of Contents**

•	Title Page	1
(	Cover Page	2
•	Table of Contents	3
;	Sample Summary	5
;	Sample Data	6
	CS1	6
	CS2	7
	CS3	8
	CS4	9
	CS5	10
	CS6	11
	CS7	12
	CS8	13
	CS9	14
	CS10	15
	CS11	16
	CSW1	17
	CSW2	18
	CSW3	19
	CSW4	20
	CSW5	21
	CSW6	22
	CSW7	23
	CSW8	24
	CSW9	25

# Table of Contents (continued)

CSW10	26
CSW11	27
CSW12	28
QC Summary Data	29
QC - Volatile Organics by EPA 8021B	29
QC - Nonhalogenated Organics by EPA 8015D - GRO	31
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	33
QC - Anions by EPA 300.0/9056A	35
Definitions and Notes	37
Chain of Custody etc.	38

### Sample Summary

Pima Environmental	Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	Donoutod
PO Box 247		Project Number:	01058-0007	Reported:
Plains TX, 79355-024	47	Project Manager:	Tom Bynum	07/18/23 14:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E307062-01A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CS2	E307062-02A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CS3	E307062-03A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CS4	E307062-04A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CS5	E307062-05A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CS6	E307062-06A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CS7	E307062-07A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CS8	E307062-08A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CS9	E307062-09A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CS10	E307062-10A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CS11	E307062-11A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW1	E307062-12A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW2	E307062-13A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW3	E307062-14A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW4	E307062-15A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW5	E307062-16A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW6	E307062-17A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW7	E307062-18A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW8	E307062-19A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW9	E307062-20A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW10	E307062-21A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW11	E307062-22A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.
CSW12	E307062-23A	Soil	07/13/23	07/17/23	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CS1

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		89.0 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2329007
Chloride	2290	20.0	1	07/17/23	07/17/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CS2

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.0 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		92.7 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2329007
Chloride	1890	20.0	1	07/17/23	07/17/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CS3

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.5 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		91.7 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2329007



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CS4

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.7 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		91.9 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2329007
Chloride	1990	20.0	1	07/17/23	07/17/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CS5

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		91.7 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2329007
Chloride	2120	20.0	1	07/17/23	07/17/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CS6

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		lyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.5 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		87.7 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2329007
Chloride	2040	20.0	1	07/17/23	07/17/23	·



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CS7

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.5 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		86.0 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2329007
Chloride	2190	20.0	1	07/17/23	07/17/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CS8

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.4 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		89.1 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2329007
· · · · · · · · · · · · · · · · · · ·	2200	20.0		07/17/23	07/17/23	<u>"</u>



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

CS9

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.7 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		89.8 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2329007
Chloride	2200	20.0	1	07/17/23	07/17/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### **CS10**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.8 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		87.9 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2329007



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CS11

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.0 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		92.2 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2329007
Chloride	1570	20.0	1	07/17/23	07/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CSW1

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/17/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/17/23	
Toluene	ND	0.0250	1	07/17/23	07/17/23	
o-Xylene	ND	0.0250	1	07/17/23	07/17/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/17/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/17/23	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.3 %	70-130	07/17/23	07/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		84.8 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2329007
Chloride	620	20.0	1	07/17/23	07/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CSW2

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/18/23	
Toluene	ND	0.0250	1	07/17/23	07/18/23	
o-Xylene	ND	0.0250	1	07/17/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/18/23	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		94.1 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2329007
				07/17/23	07/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CSW3

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/18/23	
Toluene	ND	0.0250	1	07/17/23	07/18/23	
o-Xylene	ND	0.0250	1	07/17/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/18/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.2 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		93.5 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2329007
Chloride	641	20.0	1	07/17/23	07/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CSW4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/18/23	
Toluene	ND	0.0250	1	07/17/23	07/18/23	
o-Xylene	ND	0.0250	1	07/17/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/18/23	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.0 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		91.6 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2329007
Chloride	471	20.0	1	07/17/23	07/18/23	•



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CSW5

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/18/23	
Toluene	ND	0.0250	1	07/17/23	07/18/23	
o-Xylene	ND	0.0250	1	07/17/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/18/23	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.8 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		89.6 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2329007
Chloride	550	20.0	1	07/17/23	07/18/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CSW6

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/18/23	
Toluene	ND	0.0250	1	07/17/23	07/18/23	
o-Xylene	ND	0.0250	1	07/17/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/18/23	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.1 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		90.9 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2329007
Chloride	497	20.0	1	07/17/23	07/18/23	<del>-</del>



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CSW7

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/18/23	
Toluene	ND	0.0250	1	07/17/23	07/18/23	
o-Xylene	ND	0.0250	1	07/17/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/18/23	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.8 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		91.5 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2329007
	530	20.0		07/17/23	07/18/23	•



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

### CSW8

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2329003
ND	0.0250	1	07/17/23	07/18/23	
ND	0.0250	1	07/17/23	07/18/23	
ND	0.0250	1	07/17/23	07/18/23	
ND	0.0250	1	07/17/23	07/18/23	
ND	0.0500	1	07/17/23	07/18/23	
ND	0.0250	1	07/17/23	07/18/23	
	97.1 %	70-130	07/17/23	07/18/23	
mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2329003
ND	20.0	1	07/17/23	07/18/23	
	82.7 %	70-130	07/17/23	07/18/23	
mg/kg	g/kg mg/kg Analyst: KM			Batch: 2329004	
ND	25.0	1	07/17/23	07/17/23	
ND	50.0	1	07/17/23	07/17/23	
	93.5 %	50-200	07/17/23	07/17/23	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2329007
	mg/kg  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mD         97.1 %           mg/kg         mg/kg           ND         20.0           82.7 %         mg/kg           ND         25.0           ND         50.0	Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           97.1 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           82.7 %         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/17/23           ND         0.0250         1         07/17/23           ND         0.0250         1         07/17/23           ND         0.0250         1         07/17/23           ND         0.0500         1         07/17/23           ND         0.0250         1         07/17/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         07/17/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         07/17/23           ND         25.0         1         07/17/23           ND         50.0         1         07/17/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/17/23         07/18/23           ND         0.0500         1         07/17/23         07/18/23           ND         0.0250         1         07/17/23         07/18/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         07/17/23         07/18/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         07/17/23         07/17/23           ND         25.0         1         07/17/23         07/17/23           ND         50.0         1         07/17/23         07/17/23

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

## CSW9

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2329003
Benzene	ND	0.0250	1	07/17/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/18/23	
Toluene	ND	0.0250	1	07/17/23	07/18/23	
o-Xylene	ND	0.0250	1	07/17/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/18/23	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.2 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KM		Batch: 2329004
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/18/23	
Surrogate: n-Nonane		93.5 %	50-200	07/17/23	07/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: BA		Batch: 2329007
Chloride	513	20.0	1	07/17/23	07/18/23	•



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

## CSW10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2329006
Benzene	ND	0.0250	1	07/17/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/18/23	
Toluene	ND	0.0250	1	07/17/23	07/18/23	
o-Xylene	ND	0.0250	1	07/17/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/18/23	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2329006
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: KM		Batch: 2329005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/17/23	
Surrogate: n-Nonane		103 %	50-200	07/17/23	07/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2329013
Chloride	72.6	20.0		07/17/23	07/17/23	



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

## CSW11

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2329006
Benzene	ND	0.0250	1	07/17/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/18/23	
Toluene	ND	0.0250	1	07/17/23	07/18/23	
o-Xylene	ND	0.0250	1	07/17/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/18/23	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2329006
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.2 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2329005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/18/23	
Surrogate: n-Nonane		103 %	50-200	07/17/23	07/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2329013



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

## CSW12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2329006
Benzene	ND	0.0250	1	07/17/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/17/23	07/18/23	
Toluene	ND	0.0250	1	07/17/23	07/18/23	
o-Xylene	ND	0.0250	1	07/17/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/17/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/17/23	07/18/23	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2329006
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	07/17/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: KM		Batch: 2329005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/23	07/18/23	
Surrogate: n-Nonane		103 %	50-200	07/17/23	07/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2329013
-	134	20.0		07/17/23	07/17/23	•



Strawberry 7 Fed #2 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 7/18/2023 2:35:36PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2329003-BLK1) Prepared: 07/17/23 Analyzed: 07/17/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.80 8.00 97.5 70-130 LCS (2329003-BS1) Prepared: 07/17/23 Analyzed: 07/17/23 4.87 97.4 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.81 0.0250 5.00 96.2 70-130 4.89 0.0250 5.00 97.7 70-130 Toluene o-Xylene 4.82 0.0250 5.00 96.4 70-130 9.79 10.0 97.9 70-130 0.0500 p.m-Xvlene 97.4 70-130 14.6 15.0 Total Xylenes 0.0250 8.00 98.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.89 Matrix Spike (2329003-MS1) Source: E307062-11 Prepared: 07/17/23 Analyzed: 07/17/23 5.02 0.0250 5.00 ND 54-133 Benzene ND 99.1 61-133 Ethylbenzene 4.96 0.0250 5.00 Toluene 5.06 0.0250 5.00 ND 101 61-130 4.97 ND 99.4 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 ND 101 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.88 8.00 Matrix Spike Dup (2329003-MSD1) Source: E307062-11 Prepared: 07/17/23 Analyzed: 07/17/23 4.75 0.0250 5.00 ND 54-133 5.57 20 61-133 5.28 4.70 0.0250 5.00 ND 94.0 20 Ethylbenzene 61-130 Toluene 4 78 0.0250 5.00 ND 957 5.68 20 4.74 5.00 ND 94.8 63-131 4.77 20 o-Xylene 0.0250 9.57 10.0 ND 95.7 63-131 5.18 20 p,m-Xylene 0.0500 Total Xylenes 14.3 0.0250 15.0 ND 95.4 63-131 5.04 20

8.00

99.5

70-130



Surrogate: 4-Bromochlorobenzene-PID

7.96

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Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	01	rawberry 7 Fe	ed #2				Reported:
Plains TX, 79355-0247		Project Manager:	Т	om Bynum				7/	18/2023 2:35:36PM
		Volatile O	rganics l	oy EPA 802	21B				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 (2329006-BLK1)							Prepared: 0	7/17/23 Ana	lyzed: 07/17/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			
LCS (2329006-BS1)							Prepared: 0	7/17/23 Ana	lyzed: 07/17/23
Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.58	0.0250	5.00		91.5	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130			
Total Xylenes	14.2	0.0250	15.0		94.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.2	70-130			
Matrix Spike (2329006-MS1)				Source:	E307062-	23	Prepared: 0	7/17/23 Ana	lyzed: 07/18/23
Benzene	4.59	0.0250	5.00	ND	91.7	54-133			
Ethylbenzene	4.46	0.0250	5.00	ND	89.1	61-133			
Toluene	4.61	0.0250	5.00	ND	92.1	61-130			
o-Xylene	4.60	0.0250	5.00	ND	92.1	63-131			
p,m-Xylene	9.23	0.0500	10.0	ND	92.3	63-131			
Total Xylenes	13.8	0.0250	15.0	ND	92.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.8	70-130			
Matrix Spike Dup (2329006-MSD1)				Source:	E307062-	23	Prepared: 0	7/17/23 Ana	lyzed: 07/18/23
Benzene	4.82	0.0250	5.00	ND	96.4	54-133	5.01	20	
Ethylbenzene	4.69	0.0250	5.00	ND	93.8	61-133	5.12	20	
Toluene	4.84	0.0250	5.00	ND	96.8	61-130	4.98	20	
o-Xylene	4.85	0.0250	5.00	ND	96.9	63-131	5.13	20	
p,m-Xylene	9.70	0.0500	10.0	ND	97.0	63-131	5.02	20	
Total Xylenes	14.5	0.0250	15.0	ND	97.0	63-131	5.06	20	



70-130

Surrogate: 4-Bromochlorobenzene-PID

7.92

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				7/1	8/2023 2:35:36PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2329003-BLK1)							Prepared: 0	7/17/23 Anal	yzed: 07/17/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.89		8.00		86.1	70-130			
LCS (2329003-BS2)							Prepared: 0	7/17/23 Anal	yzed: 07/17/23
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.7	70-130			
Matrix Spike (2329003-MS2)				Source:	E307062-	11	Prepared: 0	7/17/23 Anal	yzed: 07/17/23
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0	ND	85.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.76		8.00		84.5	70-130			
Matrix Spike Dup (2329003-MSD2)				Source:	E307062-	11	Prepared: 0	7/17/23 Anal	yzed: 07/17/23
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	84.0	70-130	1.75	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.77		8.00		84.6	70-130			



Matrix Spike Dup (2329006-MSD2)

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

41.7

6.67

20.0

## **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Strawberry 7 Fed #2Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum7/18/2023 2:35:36PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				7/	18/2023 2:35:36PM
	Non	halogenated		Analyst: IY					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2329006-BLK1)							Prepared: 0	7/17/23 Ana	lyzed: 07/17/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.63		8.00		82.9	70-130			
LCS (2329006-BS2)							Prepared: 0	7/17/23 Ana	lyzed: 07/18/23
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0		81.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.64		8.00		83.0	70-130			
Matrix Spike (2329006-MS2)				Source:	E307062-2	23	Prepared: 0	7/17/23 Ana	lyzed: 07/18/23
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.70		8.00		83.7	70-130			

50.0

8.00

Source: E307062-23

83.4

83.3

ND

Prepared: 07/17/23 Analyzed: 07/18/23

20

0.0671

70-130

70-130

## **QC Summary Data**

Strawberry 7 Fed #2 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 7/18/2023 2:35:36PM Project Manager: Tom Bynum

Plains 1X, /9355-024/		Project Manage	r: 10	m Bynum					//18/2023 2:33:30PF
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2329004-BLK1)							Prepared: 0	7/17/23 A	nalyzed: 07/17/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.5		50.0		89.0	50-200			
LCS (2329004-BS1)							Prepared: 0	7/17/23 A	analyzed: 07/17/23
Diesel Range Organics (C10-C28)	233	25.0	250		93.3	38-132			
Surrogate: n-Nonane	45.6		50.0		91.2	50-200			
Matrix Spike (2329004-MS1)				Source:	E307062-	18	Prepared: 0	7/17/23 A	nalyzed: 07/17/23
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	38-132			
Surrogate: n-Nonane	45.3		50.0		90.7	50-200			
Matrix Spike Dup (2329004-MSD1)				Source:	E307062-	18	Prepared: 0	7/17/23 A	nalyzed: 07/17/23
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.4	38-132	2.53	20	
Surrogate: n-Nonane	44.8		50.0		89.6	50-200			



Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				7	7/18/2023 2:35:36PM
	Nonhal	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2329005-BLK1)							Prepared: 0	7/17/23 An	alyzed: 07/17/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	56.0		50.0		112	50-200			
LCS (2329005-BS1)							Prepared: 0	7/17/23 An	alyzed: 07/17/23
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
urrogate: n-Nonane	49.9		50.0		99.7	50-200			
Matrix Spike (2329005-MS1)				Source:	E307053-	03	Prepared: 0	7/17/23 An	alyzed: 07/17/23
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	38-132			
urrogate: n-Nonane	47.3		50.0		94.7	50-200			
Matrix Spike Dup (2329005-MSD1)				Source:	E307053-	03	Prepared: 0	7/17/23 An	alyzed: 07/17/23
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	0.940	20	
urrogate: n-Nonane	45.0		50.0		90.1	50-200			



Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Strawberry 7 Fed #2 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/18/2023 2:35:36PM

		Anions	by EPA 3	00.0/9056	1				Analyst: BA	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2329007-BLK1) Chloride	ND	20.0				I	Prepared: 0	7/17/23 An	alyzed: 07/17/23	

LCS (2329007-BS1)							Prepared: 0	7/17/23	Analyzed: 07/17/23
Chloride	276	20.0	250		110	90-110			
Matrix Spike (2329007-MS1)				Source:	E307062-0	1	Prepared: 0	7/17/23	Analyzed: 07/17/23
Chloride	2090	20.0	250	2290	NR	80-120			M4
Matrix Spike Dup (2329007-MSD1)				Source:	E307062-0	1	Prepared: 0	7/17/23	Analyzed: 07/17/23
Chloride	2280	20.0	250	2290	NR	80-120	8.74	20	M4



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		rawberry 7 Fe	ed #2				Reported:
Plains TX, 79355-0247		Project Manager		om Bynum					7/18/2023 2:35:36PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2329013-BLK1)							Prepared: 0	7/17/23 A	nalyzed: 07/17/23
Chloride	ND	20.0							
LCS (2329013-BS1)							Prepared: 0	7/17/23 A	nalyzed: 07/17/23
Chloride	267	20.0	250		107	90-110			
Matrix Spike (2329013-MS1)				Source:	E307062-2	21	Prepared: 0	7/17/23 A	nalyzed: 07/17/23
Chloride	349	20.0	250	72.6	110	80-120			
Matrix Spike Dup (2329013-MSD1)				Source:	E307062-2	21	Prepared: 0	7/17/23 A	nalyzed: 07/17/23
Chloride	356	20.0	250	72.6	114	80-120	2.26	20	

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



## **Definitions and Notes**

l	Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed #2	
l	PO Box 247	Project Number:	01058-0007	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/18/23 14:35

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

Received by OCD: 9/5/2023 7:01:57 AM



Rela	
Released to Project Information	n
Client: Pima Enterproject: Froject Manager Address: 5614 N City, State, Zip H Phone: 580-74 Email: tom@p	R.
Address: 5614 N City, State, Zip I Phone: 580-741 Email: tom@p	10

Chain of Custody

	7	?	
Page .	-	of	

Received by OCD: 9/5/2023 7:01:57 AM

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ct Manager: Tom Bynum	City, State, Zip					1	Analys	s and Meth	od					RCF
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l: tom@pimaoil.com	Pima Project # 1-6		O by	O by	802	8260	010	8	ž			*	E3 6.	
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(field sampler), attest to the validity and authenticity of this sample	or legal action. Sampled by:						packed	l in ice at an avg	temp abo			n 6 °C on subsequent	days.	
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samples is applicable only to those samples reserved											COA.		-	

t Information	AUT				la	b Use	tool	į.		_		TAT		EPA Pr	ogram
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ct Manager Lovington Hwy.	City, State, Zip					Ť	naiys	is and iv	T		-				
State 7in Hobbs, NM, 88240	Phone:		15	15										State	TVI
	Email:		by 80	by 80	021	093	8	0.000		ž	¥		NMI CO	UT AZ	18
l: tom@pimaoii.es	Pima Project # / P	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC		X	Remarks	
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Additional Instructions:	WO# 2/136926						Isam	nles requiri	ng therma	l presen	ration mu	st be receive	ed on ice the d	ay they are sam	pled or receiv
Lauthanticity of this sa	mple. I am aware that tampering with or intentionally misla	belling the sa	mple loc	ation,			pack	ked in ice at	an avg te	np abov	e 0 but le	ss than 6°C	on subsequent	t days.	
, (field sampler), attest to the validity and authentity of this state or time of collection is considered fraud and may be groun	Time Received by: (Signature)  Received by: (Signature)  August	Date	11 17	Tin	EPIS	1						se Only			
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samples is applicable only to those samples reserves sy							(	3	0	n	1		0	te	0

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

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

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

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

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

CONDITIONS

Action 261635

#### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	261635
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
michael.buchana	n None	9/6/2023