

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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico  
Oil Conservation Division

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

Printed Name: Dale Woodall Title: Environmental professional

Signature: Dale Woodall Date: 9/5/2023

email: dale.woodall@dv.nm.com Telephone: 575-748-1838

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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## Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 9/5/2023

email: dale.woodall@dvn.com Telephone: 575-748-1838

### OCD Only

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



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

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 (Appendix A)	Constituent & Limits				
	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

**NJMW1302251869:** 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		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	0-6"	ND	ND	ND	ND	ND	ND	12000
	1	ND	ND	ND	ND	ND	ND	2300
	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
S-3	0-6"	ND	ND	ND	ND	ND	ND	710
	1	ND	ND	ND	ND	ND	ND	450
	2	ND	ND	ND	ND	ND	ND	390
	3	ND	ND	ND	ND	ND	ND	260
S-4	0-6"	ND	ND	ND	ND	ND	ND	2400
	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
S-10	0-6"	ND	ND	ND	ND	ND	ND	120
	1	ND	ND	ND	44	120	164	140
S-11	0-6"	ND	ND	ND	3800	2100	5900	7500
	1	ND	ND	ND	24	88	112	100
S-12	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
S-13	0-6"	ND	ND	ND	ND	ND	ND	150
	1	ND	ND	ND	ND	ND	ND	ND
S-14	0-6"	ND	ND	ND	17	62	79	64
	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 Excavation 8-18-20		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)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
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
S-4	5/19/2023	1'	ND	ND	ND	ND	ND	0	7810
		3'	ND	ND	ND	ND	ND	0	6140
		5'	ND	ND	ND	ND	ND	0	ND
S-6	5/19/2023	1'	ND	ND	ND	ND	ND	0	45.3
		3'	ND	ND	ND	ND	ND	0	57.5
		4'	ND	ND	ND	ND	ND	0	49.9
S-7	5/19/2023	1'	ND	ND	ND	ND	ND	0	221
		3'	ND	ND	ND	ND	ND	0	ND
		5'	ND	ND	ND	ND	ND	0	ND
S-9	5/19/2023	1'	ND	ND	ND	ND	ND	0	ND
		3'	ND	ND	ND	ND	ND	0	ND
		5'	ND	ND	ND	ND	ND	0	ND
S-10	5/19/2023	1'	ND	ND	ND	159	221	380	556
		4'	ND	ND	ND	52.5	87.6	140.1	20.4
		5'	ND	ND	ND	ND	ND	0	ND
S-11	5/19/2023	1'	ND	ND	ND	ND	ND	0	174
		4'	ND	ND	ND	ND	ND	0	234
		5'	ND	ND	ND	ND	ND	0	ND
SW 1	5/19/2023	0-6"	ND	ND	ND	ND	ND	0	ND
SW 2		0-6"	ND	ND	ND	ND	ND	0	ND
SW 3		0-6"	ND	ND	ND	ND	ND	0	ND
SW 4		0-6"	ND	ND	ND	ND	ND	0	ND
SW 5		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	7/13/2023	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'	ND	ND	ND	0	ND	ND	2040
CS 7		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		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  
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



Pima Environmental Services

**Figures:**

1-Location Map

2-Topographic Map

3-Karst Map

4-Water Well Map

5-Site Map


6-Confirmation Sample Map

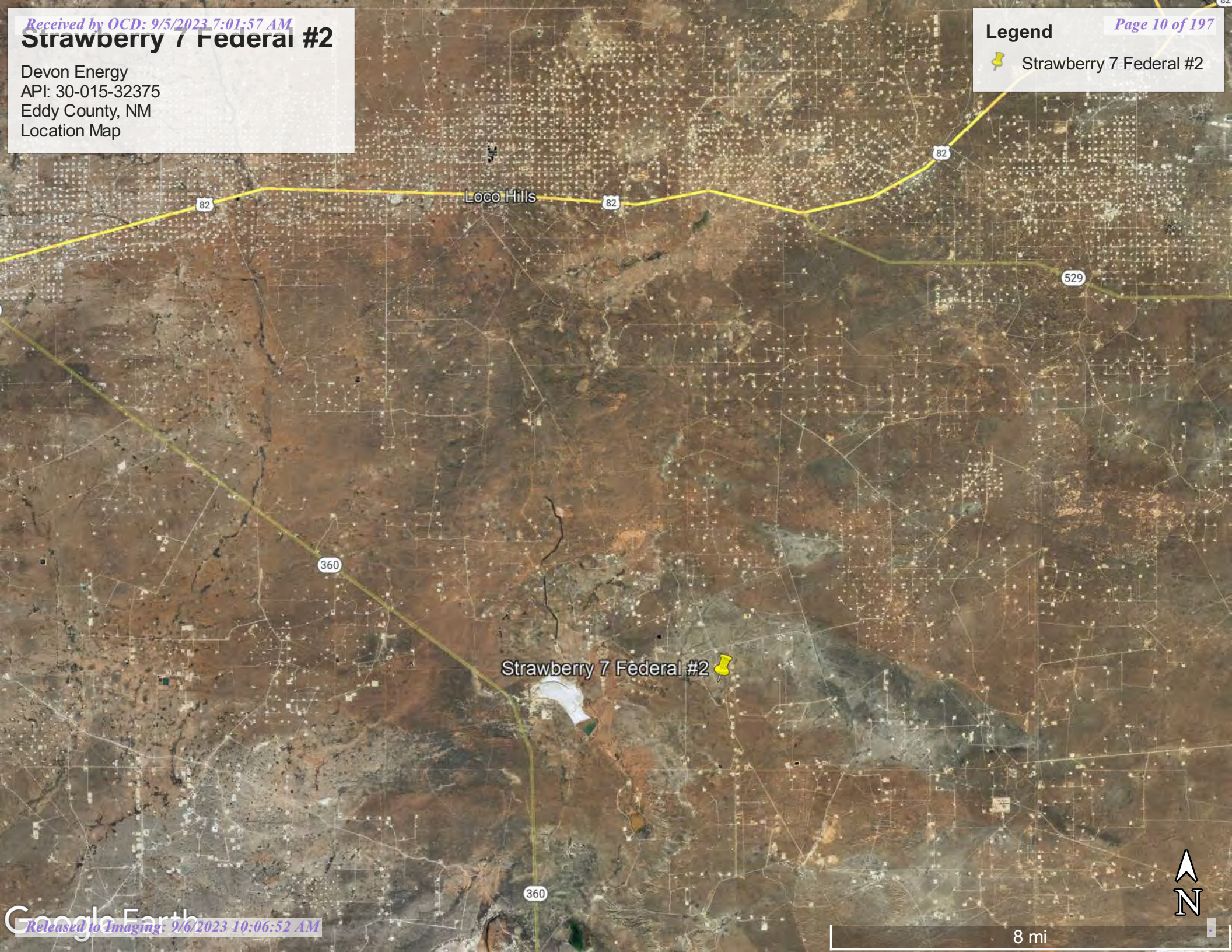


# Strawberry 7 Federal #2

Devon Energy  
API: 30-015-32375  
Eddy County, NM  
Location Map

## Legend

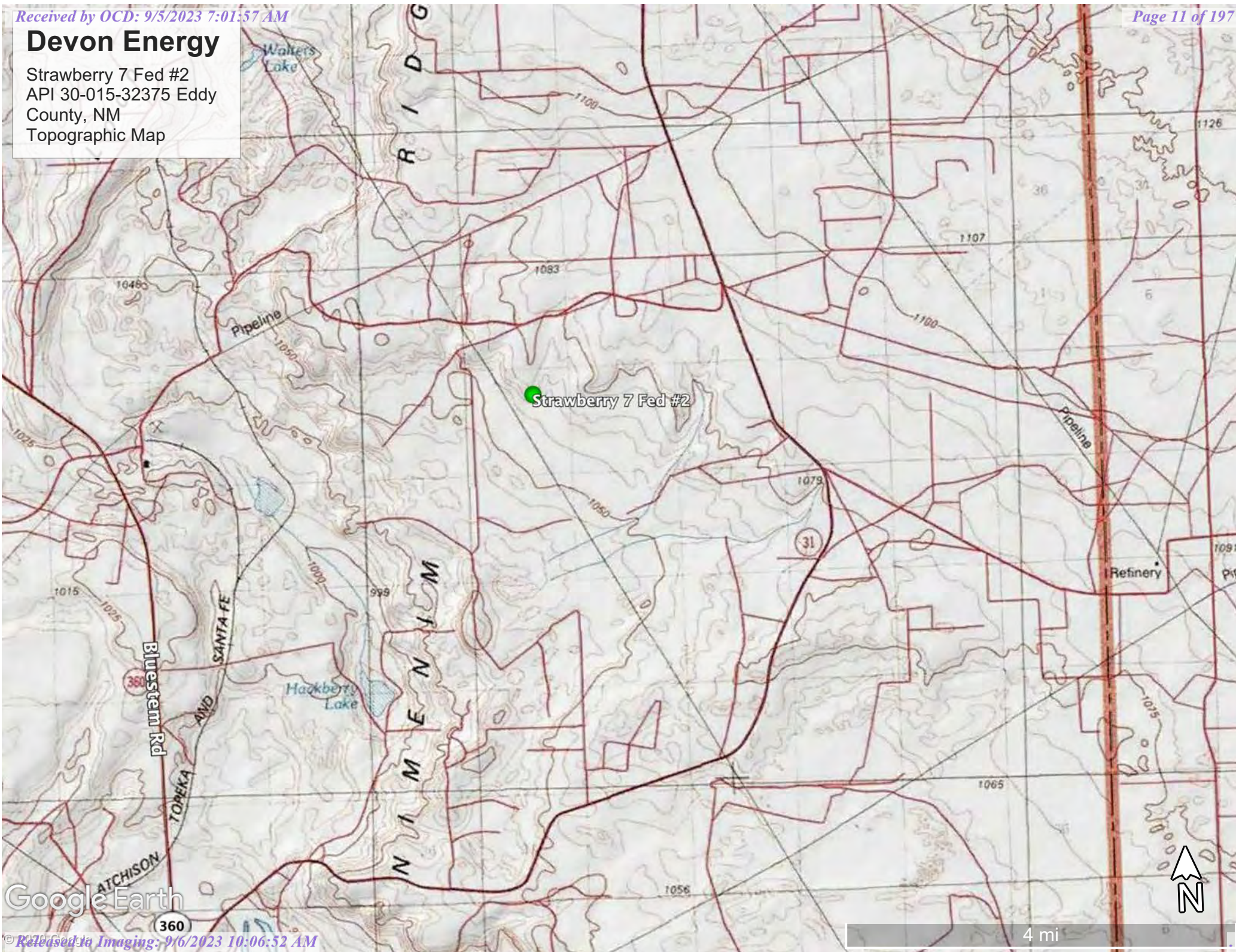
 Strawberry 7 Federal #2





# Devon Energy

Strawberry 7 Fed #2  
API 30-015-32375 Eddy  
County, NM  
Topographic Map



Google Earth



# Devon Energy

Strawberry 7 Fed #2  
API 30-015-32375  
Eddy County, NM  
Karst Map

## Legend

- High
- Low
- Medium

Strawberry 7 Fed #2

Bluestem Rd



4 mi

Google Earth



360



## Strawberry 7 Fed #2

Devon Energy  
API: 30-015-32375  
Eddy County, NM  
Well Record & Log  
POD-CP-01942

### Legend

-  .37 of a mile
-  Strawberry 7 Fed #2

POD CP-01942

Strawberry 7 Fed #2



1000 ft

Google Earth

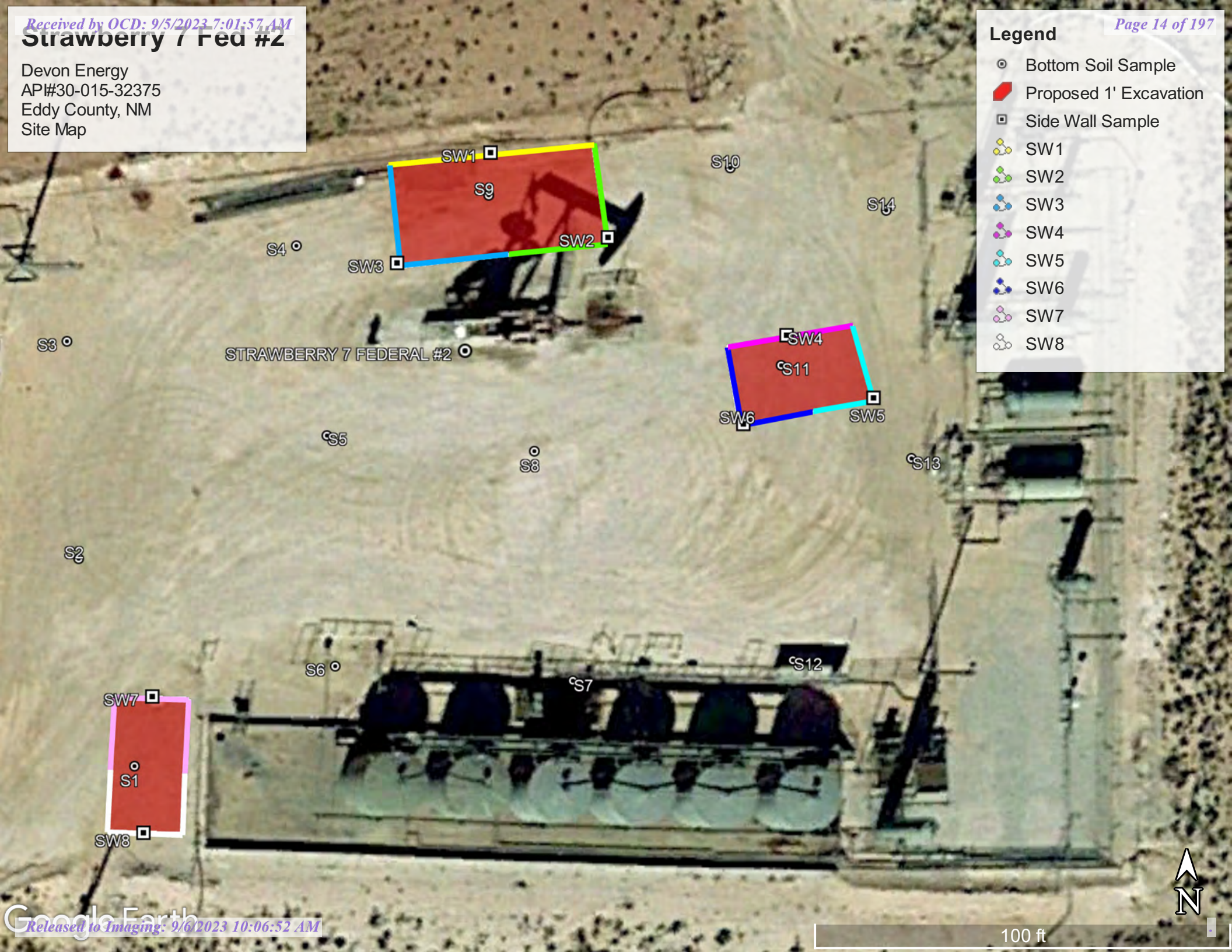


# Strawberry 7 Fed #2

Devon Energy  
API#30-015-32375  
Eddy County, NM  
Site Map

## Legend

- Bottom Soil Sample
- Proposed 1' Excavation
- Side Wall Sample
- SW1
- SW2
- SW3
- SW4
- SW5
- SW6
- SW7
- SW8



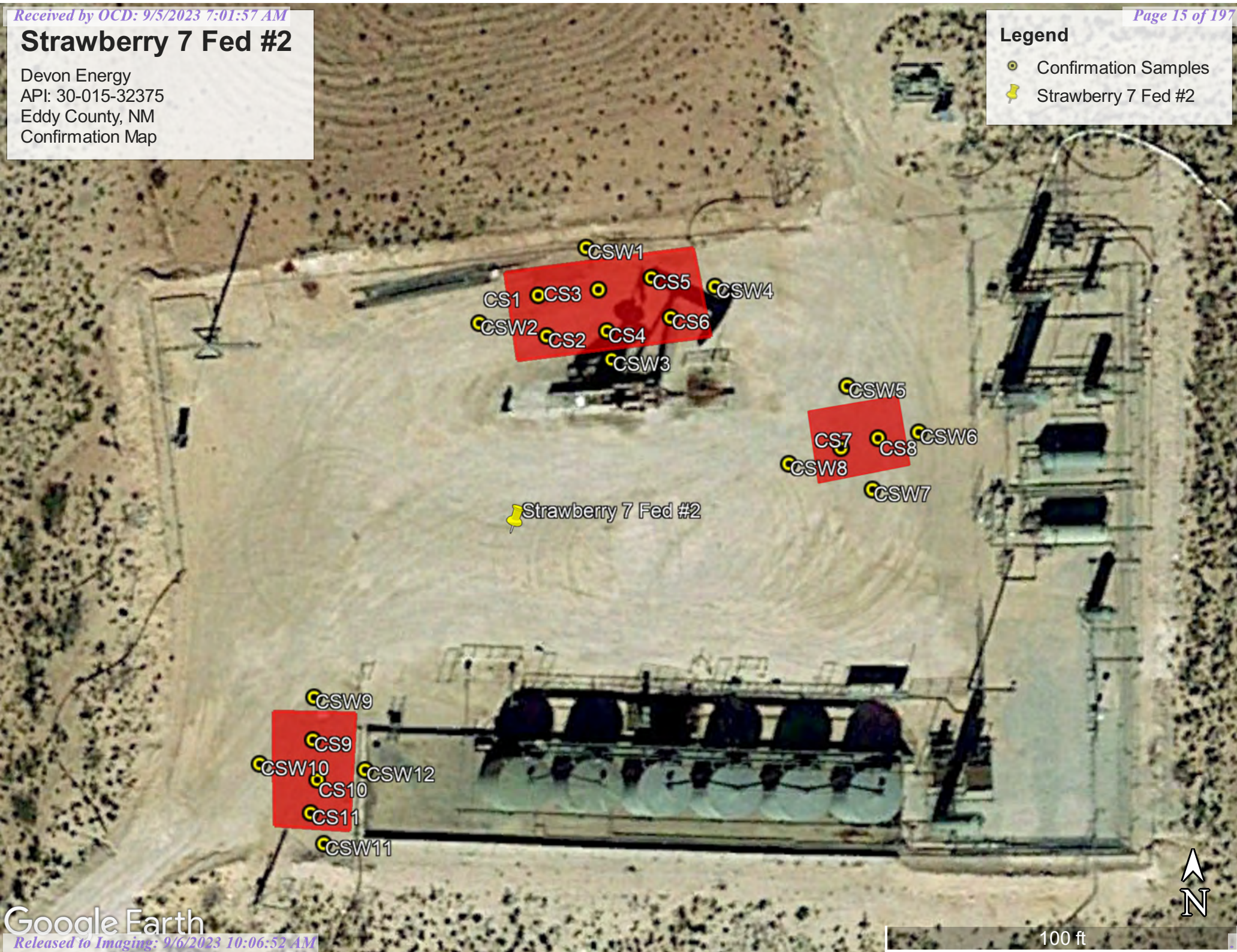


# Strawberry 7 Fed #2

Devon Energy  
API: 30-015-32375  
Eddy County, NM  
Confirmation Map

## Legend

- Confirmation Samples
- Strawberry 7 Fed #2





Pima Environmental Services

**Appendix A**

Water Surveys:

Well Record & Log

OSE

USGS

Surface Water Map





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) <b>POD - CP01942</b>		WELL TAG ID NO.		OSE FILE NO(S).			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)		DEGREES 32	MINUTES 40	SECONDS 56.79	N		
		LONGITUDE 103	54	4.32	W			
							* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1833		NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources, Inc		
	DRILLING STARTED 12/13/22		DRILLING ENDED 12/13/22		DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) none	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT)		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:					DATE STATIC MEASURED		
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	80	6	2 inch pvc sch 40	thread	2	Sch 40	
	80	100	6	2 inch pvc sch 40	thread	2	Sch 40	0.75
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL <small>*(if using Centralizers for Artesian wells- indicate the spacing below)</small>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

FILE NO.	POD NO.	WR-20 WELL RECORD & LOG (Version 09/22/2022)
LOCATION	WELL TAG ID NO.	TRN NO.
		PAGE 1 OF 2



[illegible]



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">CP 01907 POD1</a>		CP	ED	4	2	2	18	19S	31E	603017	3614737	1515			
<a href="#">CP 00873 POD1</a>		CP	LE		1	1	19	19S	31E	601772	3613147*	3147	340	180	160
<a href="#">CP 00357 POD1</a>		CP	ED	4	4	1	24	19S	30E	600667	3612631*	4039	630		
<a href="#">CP 00829 POD1</a>		CP	LE		2	4	16	19S	31E	606165	3614009*	4194	120		
<a href="#">CP 00357 POD2</a>		CP	ED	4	3	1	24	19S	30E	600265	3612627*	4248	630		
<a href="#">CP 00767 POD1</a>		CP	ED		3	2	35	18S	30E	599300	3619158*	4425	500		
<a href="#">CP 00647 POD1</a>	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

\*UTM location was derived from PLSS - see Help

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

1/25/23 2:49 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



[USGS Home](#)  
[Contact USGS](#)  
[Search USGS](#)

## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater



Geographic Area:

United States



GO

Click to hide News Bulletins

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

Groundwater levels for the Nation



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

## Search Results -- 1 sites found

site\_no list =

- 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.

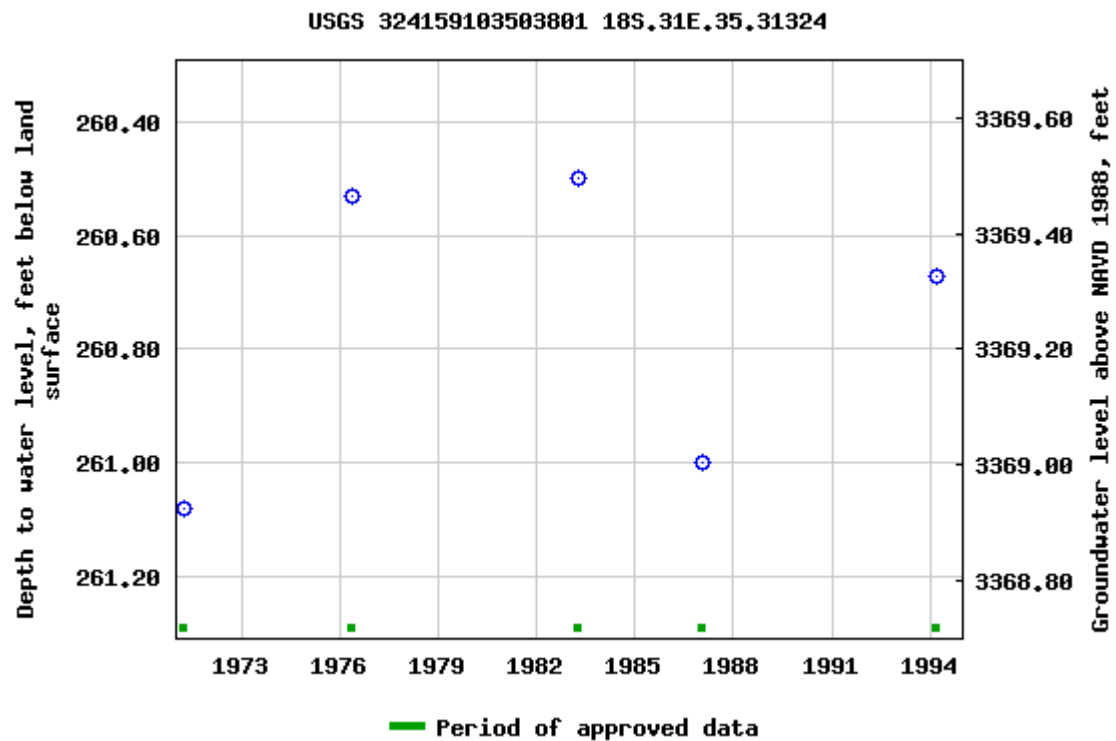
### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

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

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

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

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

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

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

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

0.55 0.46 nadww02







# Devon Energy

Strawberry 7 Fed #2  
API#30-015-32375  
Eddy County, NM  
Surface Water Map

## Legend

-  1.45 Miles
-  Surface Water

1.45 Miles

Strawberry 7 Fed #2

Google Earth



4000 ft





Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

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

---

## 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)

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

---

**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

# National Flood Hazard Layer FIRMMette



103°54'40"W 32°40'58"N



## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



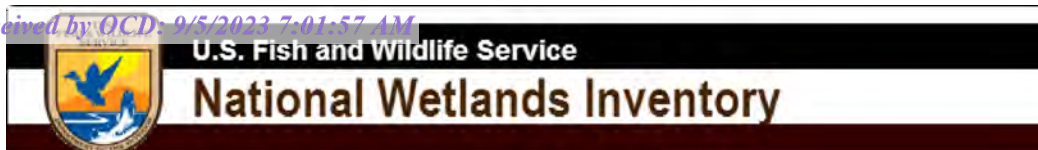
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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.





## Wetlands Map



January 25, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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



Pima Environmental Services

**Appendix C**

C-141 Form

48-Hour Notification



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**RECEIVED**

JAN 17 2013

NMOCD ARTESIA

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
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

**Release Notification and Corrective Action**

JMW 1302251869

**OPERATOR**☒ Initial Report ☐ Final Report

Name of Company Devon Energy 6137	Contact Jerry Chaney
Address P. O. Box 250 Artesia, NM 88211	Telephone No. 575-748-7446
Facility Name Strawberry 7 Federal #2	Facility Type Oil Well

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

**LOCATION OF RELEASE**

API 30-015-32375

Unit Letter B	Section 7	Township 19S	Range 31E	Feet from the 1300	North/South Line NORTH	Feet from the 1750	East/West Line EAST	County EDDY
------------------	--------------	-----------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	----------------

**NATURE OF RELEASE**

Type of Release OIL	Volume of Release 35 BBLS	Volume Recovered 32 BBLS
Source of Release OPEN BACK VALVE	Date and Hour of Occurrence 01/13/13, 8:30 AM	Date and Hour of Discovery 01/13/13, 8:30 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? BLM/Mike Bratcher & OCD/ Left Message	
By Whom? Jerry Chaney	Date and Hour 01/13/2013, BLM 2:50 PM, OCD 2:55 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

N/A

Describe Cause of Problem and Remedial Action Taken.\*

At the Strawberry 7 Fed 2, a back valve was left open causing a 35 barrel spill of oil.

Describe Area Affected and Cleanup Action Taken.\*

At the Strawberry 7 Fed 2, a back valve was left open causing a 35 barrel spill of oil. The night watchman switched to the frac tank and was not aware of the back valve being opened. No bull plug was utilized therefore the oil began to flow into the ground. Once the pumper arrived he immediately closed the valve and contacted a vacuum truck. At this time 32 barrels were recovered.

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

**OIL CONSERVATION DIVISION**

Signature: Gracie Bustamante

Printed Name: Gracie Bustamante

Title: Field Adm Support

Date: 01/14/13 Phone: (575) 746-5561

Approved by District Supervisor:

Signed By

Mike Bratcher

JAN 22 2013

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

\* Attach Additional Sheets If Necessary

Remediation per OCD Rule &  
Guidelines. **SUBMIT REMEDIATION**

PROPOSAL NO LATER THAN:

Feb 22, 2013

2RP-1515

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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	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 endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Dale Woodall Title: Environmental professional

Signature: Dale Woodall Date: 9/5/2023

email: dale.woodall@dv.n.com Telephone: 575-748-1838

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 9/5/2023

email: dale.woodall@dvn.com Telephone: 575-748-1838

### OCD Only

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**From:** [sebastian@pimaoil.com](mailto:sebastian@pimaoil.com)  
**To:** [ocdonline@state.nm.us](mailto:ocdonline@state.nm.us)  
**Cc:** [tom@pimaoil.com](mailto:tom@pimaoil.com); [Polly@pimaoil.com](mailto: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:** [image001.png](#)

---

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](mailto:Sebastian@pimaoil.com)  
619-721-4813 cell





Pima Environmental Services

## **Appendix D**

Photographic Documentation





**SITE PHOTOGRAPHS  
DEVON ENERGY  
STRAWBERRY 7 FED #2**

**Site Assessment**



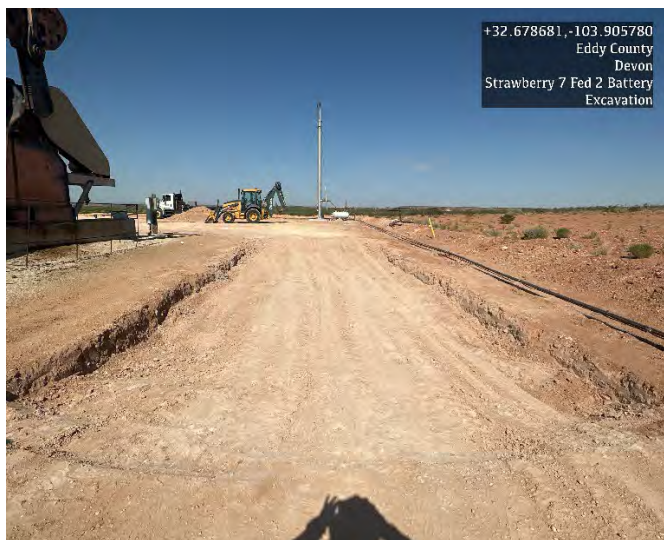




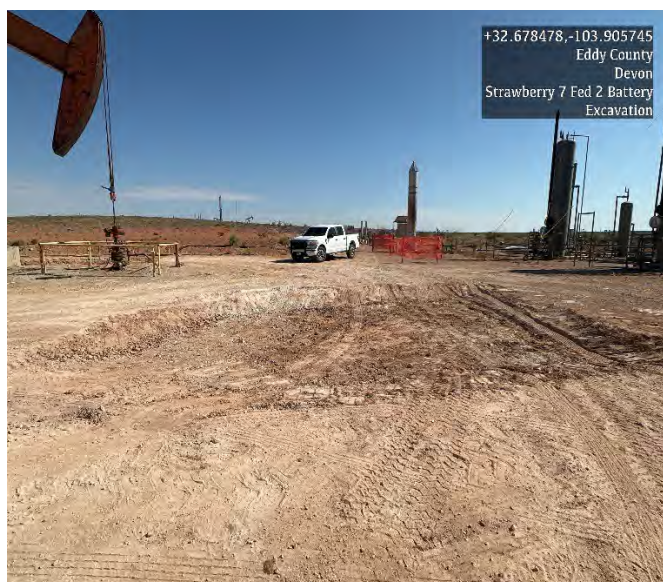




Excavation







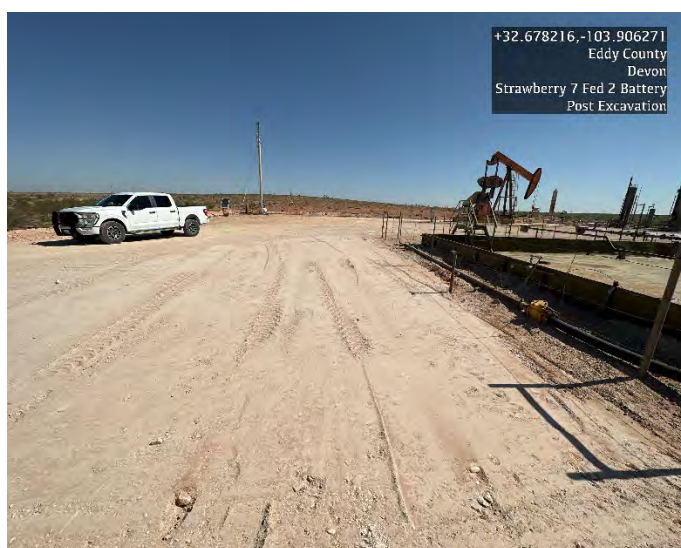
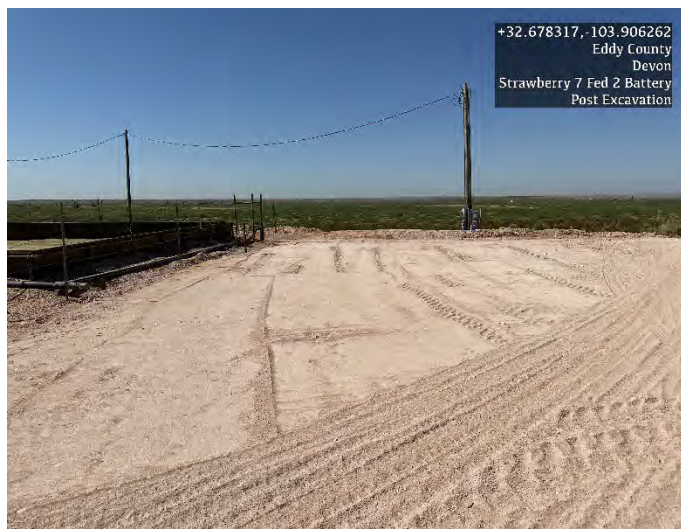




Post Excavation











Pima Environmental Services

## **Appendix E**

Laboratory Reports



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [clients.hallenvironmental.com](http://clients.hallenvironmental.com)

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](http://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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-0-6"

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2020 2:06:33 AM
Surr: BFB	85.2	66.6-105		%Rec	1	7/18/2020 2:06:33 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	7/18/2020 2:06:33 AM
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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	12000	600		mg/Kg	200	7/22/2020 4:26:59 PM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-1'

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-002

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>RAA</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>RAA</b>
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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	2300	150		mg/Kg	50	7/21/2020 4:22:06 PM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-2'

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-003

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>RAA</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>RAA</b>
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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	580	60		mg/Kg	20	7/20/2020 9:31:09 PM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-3'

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-004

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
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: <b>RAA</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>RAA</b>
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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	93	61		mg/Kg	20	7/20/2020 9:43:33 PM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S2-0-6"

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/18/2020 3:40:16 AM
Surr: BFB	83.6	66.6-105		%Rec	1	7/18/2020 3:40:16 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	7/18/2020 3:40:16 AM
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
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	7/18/2020 3:40:16 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	7/20/2020 9:55:57 PM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

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	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>RAA</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>RAA</b>
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
<b>EPA METHOD 300.0: ANIONS</b>						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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S3-1'

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

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

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S3-2'

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-008

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>RAA</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>RAA</b>
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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	390	59		mg/Kg	20	7/20/2020 10:33:11 PM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S3-3'

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-009

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
Chloride	260	60		mg/Kg	20	7/20/2020 10:45:36 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S4-0-6"

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-010

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: MRA
Chloride	2400	150		mg/Kg	50	7/21/2020 4:34:26 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S4-1'

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-011

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
Chloride	1200	60		mg/Kg	20	7/20/2020 11:10:25 PM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S5-0-6"

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/19/2020 8:26:46 AM
Surr: BFB	86.3	66.6-105		%Rec	1	7/19/2020 8:26:46 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/19/2020 8:26:46 AM
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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
Chloride	140	60		mg/Kg	20	7/20/2020 11:47:38 PM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S6-0-6"

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-013

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
Chloride	1900	60		mg/Kg	20	7/21/2020 12:00:02 AM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S7-0-6"

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	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S8-0-6"

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/19/2020 9:37:20 AM
Surr: BFB	87.9	66.6-105		%Rec	1	7/19/2020 9:37:20 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	7/19/2020 9:37:20 AM
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
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	7/19/2020 9:37:20 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
Chloride	240	60		mg/Kg	20	7/21/2020 1:39:16 AM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S9-0-6"

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-016

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: MRA
Chloride	20000	1500		mg/Kg	500	7/21/2020 4:46:47 PM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S10-0-6"

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	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S10-1'

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-018

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
Chloride	140	60		mg/Kg	20	7/21/2020 2:41:20 AM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S11-1'

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-020

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
Chloride	100	60		mg/Kg	20	7/21/2020 3:06:08 AM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S12-0-6"

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	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S12-1'

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-022

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/21/2020 3:30:57 AM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S13-0-6"

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-023

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
Chloride	150	60		mg/Kg	20	7/21/2020 3:43:22 AM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S13-1'

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-024

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/21/2020 3:55:47 AM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S14-0-6"

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	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2007781

Date Reported: 7/23/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S14-1'

Project: Strawberry 7 Fed 2

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

Lab ID: 2007781-026

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: JME
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						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
<b>EPA METHOD 8021B: VOLATILES</b>						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
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/21/2020 4:45:26 AM

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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**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: <b>MB-53832</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53832</b>	RunNo: <b>70463</b>								
Prep Date: <b>7/20/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451252</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-53832</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53832</b>	RunNo: <b>70463</b>								
Prep Date: <b>7/20/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451253</b>	Units: <b>mg/Kg</b>							
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: <b>MB-53840</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53840</b>	RunNo: <b>70463</b>								
Prep Date: <b>7/20/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2451284</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-53840</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53840</b>	RunNo: <b>70463</b>								
Prep Date: <b>7/20/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2451285</b>	Units: <b>mg/Kg</b>							
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 Quantitative 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

**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: <b>MB-53759</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53759</b>	RunNo: <b>70415</b>								
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/17/2020</b>	SeqNo: <b>2448672</b> Units: <b>mg/Kg</b>								
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: <b>LCS-53759</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53759</b>	RunNo: <b>70415</b>								
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/17/2020</b>	SeqNo: <b>2448673</b> Units: <b>mg/Kg</b>								
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: <b>MB-53768</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53768</b>	RunNo: <b>70449</b>								
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/18/2020</b>	SeqNo: <b>2450409</b> Units: <b>mg/Kg</b>								
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: <b>LCS-53768</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53768</b>	RunNo: <b>70449</b>								
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/18/2020</b>	SeqNo: <b>2450412</b> Units: <b>mg/Kg</b>								
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: <b>2007781-009AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>S3-3'</b>	Batch ID: <b>53768</b>	RunNo: <b>70449</b>								
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/18/2020</b>	SeqNo: <b>2450486</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.1	45.54	3.147	93.8	47.4	136			
Surr: DNOP	4.3		4.554		94.7	55.1	146			

**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  
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

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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: 2007781-009AMSD		SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: S3-3'		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	Qual
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

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



**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: <b>ics-53753</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>53753</b>			RunNo: <b>70417</b>						
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/17/2020</b>			SeqNo: <b>2448852</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	25.00	0	81.8	72.5	106			
Surr: BFB	980		1000		98.3	66.6	105			

Sample ID: <b>mb-53753</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>53753</b>			RunNo: <b>70417</b>						
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/17/2020</b>			SeqNo: <b>2448853</b>		Units: <b>mg/Kg</b>				
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			

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

Sample ID: <b>LCS-53760</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>53760</b>			RunNo: <b>70450</b>						
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/19/2020</b>			SeqNo: <b>2449601</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	25.00	0	75.3	72.5	106			
Surr: BFB	970		1000		96.7	66.6	105			

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

Sample ID: <b>2007781-009amsd</b>	SampType: <b>MSD</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>S3-3'</b>	Batch ID: <b>53760</b>			RunNo: <b>70450</b>						
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/19/2020</b>			SeqNo: <b>2449604</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**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  
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

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**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: <b>2007781-009amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>S3-3'</b>	Batch ID: <b>53760</b>	RunNo: <b>70450</b>								
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/19/2020</b>	SeqNo: <b>2449604</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	17	4.9	24.53	0	69.9	80	120	4.11	20	S
Surr: BFB	950		981.4		97.0	66.6	105	0	0	

Sample ID: <b>mb-53806</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53806</b>	RunNo: <b>70475</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451151</b>	Units: <b>%Rec</b>							
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: <b>lcs-53806</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53806</b>	RunNo: <b>70475</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451152</b>	Units: <b>%Rec</b>							
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 Quantitative 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

**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: <b>LCS-53753</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>53753</b>			RunNo: <b>70417</b>						
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/17/2020</b>			SeqNo: <b>2448879</b>		Units: <b>mg/Kg</b>				
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		1.000		110	80	120			

Sample ID: <b>mb-53753</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>53753</b>			RunNo: <b>70417</b>						
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/17/2020</b>			SeqNo: <b>2448880</b>		Units: <b>mg/Kg</b>				
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: <b>MB-53760</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>53760</b>			RunNo: <b>70450</b>						
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/19/2020</b>			SeqNo: <b>2449725</b>		Units: <b>mg/Kg</b>				
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: <b>lcs-53760</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>53760</b>			RunNo: <b>70450</b>						
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/19/2020</b>			SeqNo: <b>2449726</b>		Units: <b>mg/Kg</b>				
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 Quantitative 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



**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: <b>2007781-010ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>S4-0-6"</b>	Batch ID: <b>53760</b>	RunNo: <b>70450</b>								
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/19/2020</b>	SeqNo: <b>2449729</b>	Units: <b>mg/Kg</b>							
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: <b>2007781-010amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>S4-0-6"</b>	Batch ID: <b>53760</b>	RunNo: <b>70450</b>								
Prep Date: <b>7/16/2020</b>	Analysis Date: <b>7/19/2020</b>	SeqNo: <b>2449730</b>	Units: <b>mg/Kg</b>							
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: <b>mb-53806</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53806</b>	RunNo: <b>70475</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451184</b>	Units: <b>%Rec</b>							
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: <b>LCS-53806</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53806</b>	RunNo: <b>70475</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451185</b>	Units: <b>%Rec</b>							
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 Quantitative 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



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 Number: 2007781

RcptNo: 1

Received By: Cheyenne Cason 7/15/2020 2:50:00 PM

Completed By: Michelle Garcia 7/15/2020 4:03:29 PM

Reviewed By: EM 7/16/20

*Michelle Garcia*

### Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐  
2. How was the sample delivered? Courier

### Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐  
4. Were all samples received at a temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? Yes ☒ No ☐ NA ☐  
5. Sample(s) in proper container(s)? Yes ☒ No ☐  
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐  
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐  
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐  
9. Received at least 1 vial with headspace  $<1/4"$  for AQ VOA? Yes ☐ No ☐ NA ☒  
10. Were any sample containers received broken? Yes ☐ No ☒  
11. Does paperwork match bottle labels? Yes ☒ No ☐  
(Note discrepancies on chain of custody)  
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐  
13. Is it clear what analyses were requested? Yes ☒ No ☐  
14. Were all holding times able to be met? Yes ☒ No ☐  
(If no, notify customer for authorization.)

*TO*  
*7/16/20*

# of preserved bottles checked for pH: \_\_\_\_\_  
( $<2$  or  $>12$  unless noted)  
Adjusted? \_\_\_\_\_  
Checked by: \_\_\_\_\_

### Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:		Date:	
By Whom:		Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:			
Client Instructions:			

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.5	Good	Yes			
2	3.2	Good	Yes			
3	2.2	Good	Yes			



possibility. Any sub-contrasted data will be clearly notated on the analytical report.







PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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)

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received:	08/20/2020	Sampling Date:	08/18/2020
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 BC -1 (H002195-01)**

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	08/21/2020	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 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.0 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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)**

BTX 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	08/21/2020	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 BTX	<0.300	0.300	08/21/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.0 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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)**

BTX 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	08/21/2020	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 BTX	<0.300	0.300	08/21/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.1 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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 BC -4 (H002195-04)**

BTX 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	08/21/2020	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 BTX	<0.300	0.300	08/21/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.0 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received:	08/20/2020	Sampling Date:	08/18/2020
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 BC -5 (H002195-05)**

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	08/21/2020	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 % 73.3-129

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**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 -6 (H002195-06)**

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	08/21/2020	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 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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 1 (H002195-07)**

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	08/21/2020	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 % 73.3-129

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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		Analyzed 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 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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		Analyzed 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 % 73.3-129

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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		Analyzed 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 % 73.3-129

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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		Analyzed 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 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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)**

BTX 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	08/21/2020	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 BTX	<0.300	0.300	08/21/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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 E - COMP (H002195-13)**

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	08/21/2020	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 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.1 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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 W - COMP (H002195-14)**

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	08/21/2020	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, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	08/21/2020	ND	416	104	400	0.00		

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	08/24/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.6 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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		Analyzed 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 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2020	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.5 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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		Analyzed 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 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 94.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.5 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received:	08/20/2020	Sampling Date:	08/18/2020
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 NORTH - L3 (H002195-17)**

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	08/21/2020	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 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 94.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.2 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager





101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: *Pima Environmental*

Project Manager: *Chris Jones*

Address: *1601 N Turner Ste. 500*

City: *Hobbs*

Phone #: *575-964-7740*

Project #: *6*

Project Name: *Strawberry Fed 7*

Project Location: *Eddy, NM*

Sampler Name: *Trisha Jones*

BILL TO

P.O. #: *20863165*

Company: *Devon*

Attn: *Tom Bryan*

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	TPH	BTEX	Chlorides							
	<i>1</i>	<i>S-q</i>	<i>Be-1</i>	<i>✓</i>				<i>8-16-20</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>							
	<i>2</i>	<i>S-q</i>	<i>Be-2</i>							<i>✓</i>	<i>✓</i>	<i>✓</i>							
	<i>3</i>	<i>S-q</i>	<i>Be-3</i>							<i>✓</i>	<i>✓</i>	<i>✓</i>							
	<i>4</i>	<i>S-q</i>	<i>Be-4</i>							<i>✓</i>	<i>✓</i>	<i>✓</i>							
	<i>5</i>	<i>S-q</i>	<i>Be-5</i>							<i>✓</i>	<i>✓</i>	<i>✓</i>							
	<i>6</i>	<i>S-q</i>	<i>Be-6</i>							<i>✓</i>	<i>✓</i>	<i>✓</i>							
	<i>7</i>	<i>S-q</i>	<i>N-Comp 1</i>							<i>✓</i>	<i>✓</i>	<i>✓</i>							
	<i>8</i>	<i>S-q</i>	<i>N-Comp 2</i>							<i>✓</i>	<i>✓</i>	<i>✓</i>							
	<i>9</i>	<i>S-q</i>	<i>N-Comp 3</i>							<i>✓</i>	<i>✓</i>	<i>✓</i>							
	<i>10</i>	<i>S-q</i>	<i>S-Comp 1</i>							<i>✓</i>	<i>✓</i>	<i>✓</i>							

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Relinquished By: *[Signature]*

Received By: *[Signature]*

Date: *8/20/20*

Time: *3:14*

Relinquished By: *[Signature]*

Date: *8/20/20*

Time: *3:14*

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

REMARKS: *Bill to Devon*

Turnaround Time: *Standard*

Thermometer ID #113 *Krush*

Correction Factor None

Bacteria (only) Sample Condition

Cool Intact ☐ Yes ☐ No

Observed Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



Page 21 of 21



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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)

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

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

Received:	08/20/2020	Sampling Date:	08/19/2020
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 - 11 N - COMP (H002196-01)**

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	08/21/2020	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 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 89.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.0 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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 S - COMP (H002196-02)**

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	08/21/2020	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 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 89.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.9 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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 E - COMP (H002196-03)**

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) 98.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 97.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.3 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**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 % 73.3-129

Chloride, SM4500Cl-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 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.4 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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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.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager



Page 7 of 7



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

Report to:  
Tom Bynum



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
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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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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Office: 505-632-1881  
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**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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	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.



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S4 - 1'

E305147-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	103 %	70-130		05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2321055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.6 %	70-130		05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	96.3 %	50-200		05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2321064	
Chloride	7810	200	10	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S4 - 3'

E305147-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.5 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		99.0 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	6140	100	5	05/25/23	05/26/23	





## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S4 - 5'

E305147-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.7 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S6 - 1'

E305147-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.1 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		97.6 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	45.3	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S6 - 3'

E305147-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.0 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		94.7 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	57.5	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S6 - 4'

E305147-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.3 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		98.2 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	49.9	20.0	1	05/25/23	05/26/23	





## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S7 - 1'

E305147-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.4 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		92.1 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	221	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S7 - 3'

E305147-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.1 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		114 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S7 - 5'

E305147-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.8 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S9 - 1'

E305147-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.1 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/26/23	





## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S9 - 3'

E305147-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.8 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S9 - 5'

E305147-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.8 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	05/25/23	05/26/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

## S10 - 1'

## E305147-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.7 %	70-130		05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		05/25/23	05/26/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	556	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S10 - 4'

E305147-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.2 %	70-130	05/25/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	05/25/23	05/26/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	20.4	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

## S10 - 5'

## E305147-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.4 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	05/25/23	05/26/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/26/23	





## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S11 - 1'

E305147-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.9 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	05/25/23	05/26/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	174	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S11 - 4'

E305147-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2321055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>		99.0 %	50-200	05/25/23	05/26/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2321064	
Chloride	234	20.0	1	05/25/23	05/26/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

S11 - 5'

E305147-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.4 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	05/25/23	05/26/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/27/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

## SW1

## E305147-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.5 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	05/25/23	05/26/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/27/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

## SW2

## E305147-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2321055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/23	05/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.1 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	05/25/23	05/26/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321064
Chloride	ND	20.0	1	05/25/23	05/27/23	





## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

## SW3

## E305147-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321065
Chloride	ND	20.0	1	05/25/23	05/25/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

## SW4

## E305147-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	<b>0.0295</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321065
Chloride	ND	20.0	1	05/25/23	05/25/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

## SW5

## E305147-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		99.8 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321065
Chloride	ND	20.0	1	05/25/23	05/25/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

## SW6

## E305147-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321065
Chloride	ND	20.0	1	05/25/23	05/25/23	



## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

SW7

E305147-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		98.7 %	70-130	05/25/23	05/26/23	
Surrogate: Toluene-d8		107 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		98.7 %	70-130	05/25/23	05/26/23	
Surrogate: Toluene-d8		107 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		107 %	50-200	05/25/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321065
Chloride	ND	20.0	1	05/25/23	05/25/23	





## Sample Data

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

Project Name: Strawberry 7 Federal 2H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/1/2023 10:03:12AM

## SW8

## E305147-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		97.8 %	70-130	05/25/23	05/26/23	
Surrogate: Toluene-d8		107 %	70-130	05/25/23	05/26/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2321065
Chloride	ND	20.0	1	05/25/23	05/25/23	



## QC Summary Data

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

## Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

## Blank (2321060-BLK1)

Prepared: 05/25/23 Analyzed: 05/26/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.544		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-BS1)

Prepared: 05/25/23 Analyzed: 05/26/23

Benzene	2.45	0.0250	2.50		97.9	70-130			
Ethylbenzene	2.50	0.0250	2.50		99.9	70-130			
Toluene	2.50	0.0250	2.50		99.8	70-130			
o-Xylene	2.73	0.0250	2.50		109	70-130			
p,m-Xylene	5.40	0.0500	5.00		108	70-130			
Total Xylenes	8.13	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.546		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

## Matrix Spike (2321060-MS1)

Source: E305147-21

Prepared: 05/25/23 Analyzed: 05/26/23

Benzene	2.48	0.0250	2.50	ND	99.3	48-131			
Ethylbenzene	2.56	0.0250	2.50	ND	102	45-135			
Toluene	2.57	0.0250	2.50	ND	103	48-130			
o-Xylene	2.79	0.0250	2.50	ND	112	43-135			
p,m-Xylene	5.54	0.0500	5.00	ND	111	43-135			
Total Xylenes	8.33	0.0250	7.50	ND	111	43-135			
Surrogate: Bromofluorobenzene	0.548		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

## Matrix Spike Dup (2321060-MSD1)

Source: E305147-21

Prepared: 05/25/23 Analyzed: 05/26/23

Benzene	2.57	0.0250	2.50	ND	103	48-131	3.37	23	
Ethylbenzene	2.62	0.0250	2.50	ND	105	45-135	2.66	27	
Toluene	2.63	0.0250	2.50	ND	105	48-130	2.35	24	
o-Xylene	2.88	0.0250	2.50	ND	115	43-135	3.07	27	
p,m-Xylene	5.67	0.0500	5.00	ND	113	43-135	2.49	27	
Total Xylenes	8.56	0.0250	7.50	ND	114	43-135	2.68	27	
Surrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			



## QC Summary Data

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

## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2321055-BLK1)

Prepared: 05/25/23 Analyzed: 05/25/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.29		8.00		104	70-130			

## LCS (2321055-BS1)

Prepared: 05/25/23 Analyzed: 05/25/23

Benzene	4.29	0.0250	5.00		85.9	70-130			
Ethylbenzene	4.47	0.0250	5.00		89.3	70-130			
Toluene	4.61	0.0250	5.00		92.2	70-130			
o-Xylene	4.73	0.0250	5.00		94.5	70-130			
p,m-Xylene	9.24	0.0500	10.0		92.4	70-130			
Total Xylenes	14.0	0.0250	15.0		93.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.32		8.00		104	70-130			

## Matrix Spike (2321055-MS1)

Source: E305147-01

Prepared: 05/25/23 Analyzed: 05/25/23

Benzene	4.55	0.0250	5.00	ND	90.9	54-133			
Ethylbenzene	4.71	0.0250	5.00	ND	94.1	61-133			
Toluene	4.87	0.0250	5.00	ND	97.5	61-130			
o-Xylene	4.97	0.0250	5.00	ND	99.4	63-131			
p,m-Xylene	9.73	0.0500	10.0	ND	97.3	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.33		8.00		104	70-130			

## Matrix Spike Dup (2321055-MSD1)

Source: E305147-01

Prepared: 05/25/23 Analyzed: 05/25/23

Benzene	4.30	0.0250	5.00	ND	86.0	54-133	5.61	20	
Ethylbenzene	4.46	0.0250	5.00	ND	89.2	61-133	5.35	20	
Toluene	4.62	0.0250	5.00	ND	92.3	61-130	5.45	20	
o-Xylene	4.72	0.0250	5.00	ND	94.4	63-131	5.16	20	
p,m-Xylene	9.23	0.0500	10.0	ND	92.3	63-131	5.26	20	
Total Xylenes	13.9	0.0250	15.0	ND	93.0	63-131	5.23	20	
Surrogate: 4-Bromochlorobenzene-PID	8.28		8.00		103	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2321055-BLK1) Prepared: 05/25/23 Analyzed: 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: 05/25/23 Analyzed: 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: E305147-01 Prepared: 05/25/23 Analyzed: 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: 05/25/23 Analyzed: 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			



## QC Summary Data

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

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2321060-BLK1)

Prepared: 05/25/23 Analyzed: 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: 05/25/23 Analyzed: 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: 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: E305147-21

Prepared: 05/25/23 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			





QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2321056-BLK1)					Prepared: 05/25/23 Analyzed: 05/25/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.3		50.0		115	50-200			

LCS (2321056-BS1)					Prepared: 05/25/23 Analyzed: 05/25/23				
Diesel Range Organics (C10-C28)	247	25.0	250		98.8	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			

Matrix Spike (2321056-MS1)					Source: E305147-12		Prepared: 05/25/23 Analyzed: 05/25/23		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.8	38-132			
Surrogate: n-Nonane	51.7		50.0		103	50-200			

Matrix Spike Dup (2321056-MSD1)					Source: E305147-12		Prepared: 05/25/23 Analyzed: 05/25/23		
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.4	38-132	5.49	20	
Surrogate: n-Nonane	48.2		50.0		96.4	50-200			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2321058-BLK1)					Prepared: 05/25/23 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: 05/25/23 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: 05/25/23 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: 05/25/23 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			



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2321064-BLK1)					Prepared: 05/25/23 Analyzed: 05/26/23				
Chloride	ND	20.0							
LCS (2321064-BS1)					Prepared: 05/25/23 Analyzed: 05/26/23				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2321064-MS1)					Source: E305147-01		Prepared: 05/25/23 Analyzed: 05/26/23		
Chloride	7880	200	250	7810	29.7	80-120			M4
Matrix Spike Dup (2321064-MSD1)					Source: E305147-01		Prepared: 05/25/23 Analyzed: 05/26/23		
Chloride	7720	200	250	7810	NR	80-120	2.02	20	M4



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2321065-BLK1)					Prepared: 05/25/23 Analyzed: 05/25/23				
Chloride	ND	20.0							
LCS (2321065-BS1)					Prepared: 05/25/23 Analyzed: 05/25/23				
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2321065-MS1)					Source: E305147-21		Prepared: 05/25/23 Analyzed: 05/25/23		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2321065-MSD1)					Source: E305147-21		Prepared: 05/25/23 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

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	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.





## Project Information

## Chain of Custody

Page 1 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Strawberry 7 Fed.</u>					Attention: <u>Devon</u>		Lab WO# <u>E305147</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:											
Address: 5614 N. Lovington Hwy.					City, State, Zip											RCRA
City, State, Zip Hobbs, NM, 88240					Phone:											
Phone: 580-748-1613					Email:											
Email: tom@pimaoil.com					Pima Project # <u>1-6</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX		Remarks
10:00	5/19/23	S	1	54-1'	1								X			
10:05				54-3'	2											
10:10				54-5'	3											
10:15				56-1'	4											
10:20				56-3'	5											
10:25				56-4'	6											
10:30				57-1'	7											
10:35				57-3'	8											
10:40				57-5'	9											
10:45				59-1'	10											
Additional Instructions: <u>WO# 21136920</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Relinquished by: (Signature) <u>Kerime Adame</u> Date <u>5/24/23</u> Time <u>1430</u>										Received by: (Signature) <u>Michelle Cough</u> Date <u>5-24-23</u> Time <u>1600</u>						
Relinquished by: (Signature) <u>Michelle Cough</u> Date <u>5-24-23</u> Time <u>1815</u>										Received by: (Signature) <u>Andrew Musso</u> Date <u>5-24-23</u> Time <u>1830</u>						
Relinquished by: (Signature) <u>Andrew Musso</u> Date <u>5-24-23</u> Time <u>2400</u>										Received by: (Signature) <u>Keith Marx</u> Date <u>5/25/23</u> Time <u>8:20</u>						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																



## Project Information

## Chain of Custody

Page 2 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Strawberry 7 Fed.</u>					Attention: <u>Devon</u>		Lab WO# <u>E305147</u>		Job Number <u>61058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:											
Address: 5614 N. Lovington Hwy.					City, State, Zip											RCRA
City, State, Zip Hobbs, NM, 88240					Phone:											
Phone: 580-748-1613					Email:											
Email: tom@pimaoil.com					Pima Project # <u>1-6</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX	Remarks	
10:50	5/19/23	S	1	S9-3'	11								X			
10:55				S9-5'	12											
11:00				S10-1'	13											
11:05				S10-4'	14											
11:10				S10-5'	15											
11:15				S11-1'	16											
11:20				S11-4'	17											
11:25				S11-5'	18											
11:30				SW1	19											
11:35				SW2	20											
Additional Instructions: <u>WO# 21136920</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Sampled by: <u>A.F</u>																
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only				
<u>Kurime Adame</u>		5/24/23		1430		<u>Michelle Camp</u>		5-24-23		1600		Received on ice: <u>(Y)</u> N				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3				
<u>Michelle Camp</u>		5-24-23		1815		<u>Andrew Messo</u>		5-24-23		1830						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C				
<u>Andrew Messo</u>		5-24-23		2400		<u>Carla Marx</u>		5/25/23		8:20		<u>4</u>				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																



## Project Information

## Chain of Custody

Page 3 of 3

Client: Pima Environmental Services					Bill To					Lab Use Only					TAT				EPA Program					
Project: <u>Strawberry 7 Fed.</u>					Attention: <u>Devon</u>					Lab WO# <u>E365147</u>					Job Number <u>0058-0007</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:					Analysis and Method									RCRA					
Address: 5614 N. Lovington Hwy.					City, State, Zip																			
City, State, Zip Hobbs, NM, 88240					Phone:														State					
Phone: 580-748-1613					Email:																			
Email: tom@pimaoil.com					Pima Project # <u>1-6</u>														NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>					
Report due by:																								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				BGDOC NM	BGDOC TX				Remarks				
11:40	9/19/23	S	1	SW3	21										X									
11:45				SW4	22																			
11:50				SW5	23																			
11:55				SW6	24																			
12:00 PM				SW7	25																			
12:05				SW8	26																			
Additional Instructions: <u>WO# 21136920</u>																								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.												
Sampled by: <u>A.F.</u>																								
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		Lab Use Only										
<u>Karime Adame</u>			8/24/23		1430		<u>Michelle Cuy</u>			5-24-23		1600		Received on ice: <u>(Y)</u> / N										
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		T1 _____ T2 _____ T3 _____										
<u>Michelle Cuy</u>			5-24-23		1815		<u>Andrew Musso</u>			5-24-23		1830												
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		AVG Temp °C <u>4</u>										
<u>Andrew Musso</u>			5-24-23		2400		<u>Carth Marx</u>			5/25/23		8:20												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA												
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																								

## Envirotech Analytical Laboratory

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

## 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 08:20	Work Order ID:	E305147
Phone:	(575) 631-6977	Date Logged In:	05/24/23 16:10	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/01/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.



## Project Information

## Chain of Custody

Page 1 of 3**Strawberry 7 Federal 2H (cm)**

Client: Pima Environmental Services

Project: **Strawberry 7 Fed.**

Project Manager: Tom Bynum

Address: 5614 N. Lovington Hwy.

City, State, Zip Hobbs, NM, 88240

Phone: 580-748-1613

Email: tom@pimaoil.com

Report due by:

Bill To

Attention: **Devon**

Address:

City, State, Zip

Phone:

Email:

Pima Project # **1-6**

Lab Use Only

Lab WO#

**E305147**

Job Number

**01058-0007**

TAT

1D

2D

3D

Standard

**X**

EPA Program

CWA

SDWA

RCRA

State

NM

CO

UT

AZ

TX

Remarks

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:00	5/19/23	S	1	S4-1'	1							X		updated project
10:05				S4-3'	2									name per
10:10				S4-5'	3									Sebastian
10:15				S6-1'	4									5/26/23 CM
10:20				S6-3'	5									
10:25				S6-4'	6									
10:30				S7-1'	7									
10:35				S7-3'	8									
10:40				S7-5'	9									
10:45				S9-1'	10									

## Additional Instructions:

WO# **21136920**

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

Sampled by: **A.F**

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<b>Verime Adams</b>	<b>5/24/23</b>	<b>1430</b>	<b>Michelle Cough</b>	<b>5-24-23</b>	<b>16:00</b>	Received on ice: <b>(Y) N</b>
<b>Michelle Cough</b>	<b>5-24-23</b>	<b>1815</b>	<b>Andrew Musso</b>	<b>5-24-23</b>	<b>1630</b>	T1 _____ T2 _____ T3 _____
<b>Andrew Musso</b>	<b>5-24-23</b>	<b>2400</b>	<b>Auth Man</b>	<b>5/25/23</b>	<b>8:20</b>	AVG Temp °C <b>4</b>

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

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

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


**envirotech**



## Project Information

## Chain of Custody

Page 2 of 3**Strawberry 7 Federal 2H (cm)**

Client: Pima Environmental Services

Project: **Strawberry 7 Fed.**

Project Manager: Tom Bynum

Address: 5614 N. Lovington Hwy.

City, State, Zip Hobbs, NM, 88240

Phone: 580-748-1613

Email: tom@pimaoil.com

Report due by:

Bill To

Attention: **Devon**

Address:

City, State, Zip

Phone:

Email:

Pima Project # **1-6**

## Lab Use Only

Lab WO#

**E305147**

Job Number

**61058-0007**

## TAT

1D

2D

3D

Standard

## EPA Program

CWA

SDWA

RCRA

## State

NM

CO

UT

AZ

TX

Remarks

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:50	5/19/23	S	1	S9-3'	11							X		
10:55				S9-5'	12									
11:00				S10-1'	13									
11:05				S10-4'	14									
11:10				S10-5'	15									
11:15				S11-1'	16									
11:20				S11-4'	17									
11:25				S11-5'	18									
11:30				SW1	19									
11:36				SW2	20									

## Additional Instructions:

WO# 21136920

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

Sampled by: **A.F.**

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

Relinquished by: (Signature) <b>Karime Adame</b>	Date <b>5/24/23</b>	Time <b>1430</b>	Received by: (Signature) <b>Michelle Cuyt</b>	Date <b>5-24-23</b>	Time <b>1600</b>	Lab Use Only Received on ice: <b>(Y) N</b>
Relinquished by: (Signature) <b>Michelle Cuyt</b>	Date <b>5-24-23</b>	Time <b>1815</b>	Received by: (Signature) <b>Andrew Miso</b>	Date <b>5-24-23</b>	Time <b>1830</b>	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature) <b>Andrew Miso</b>	Date <b>5-24-23</b>	Time <b>2400</b>	Received by: (Signature) <b>Carth Miso</b>	Date <b>5/25/23</b>	Time <b>8:20</b>	AVG Temp °C <b>4</b>

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

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

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





## Project Information

## Chain of Custody

Page 3 of 3

Strawberry Federal 2H (cm.)

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Strawberry Fed</u>		Attention: <u>Devon</u>		Lab WO# <u>E365147</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.		City, State, Zip											
City, State, Zip <u>Hobbs, NM, 88240</u>		Phone:											
Phone: 580-748-1613		Email:											
Email: tom@pimaoil.com		Pima Project # <u>1-6</u>											
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:40	5/19/23	S	1	SW3	21							X		
11:45				SW4	22									
11:50				SW5	23									
11:55				SW6	24									
12:00 PM				SW7	25									
12:05				SW8	26									

## Additional Instructions:

WO# 21136920

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

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

Relinquished by: (Signature) <u>Karine Adame</u>	Date <u>5/24/23</u>	Time <u>1430</u>	Received by: (Signature) <u>Michelle Camp</u>	Date <u>5-24-23</u>	Time <u>1600</u>	Lab Use Only	
Relinquished by: (Signature) <u>Michelle Camp</u>	Date <u>5-24-23</u>	Time <u>1815</u>	Received by: (Signature) <u>Andrew Miso</u>	Date <u>5-24-23</u>	Time <u>1830</u>	Received on ice: <u>Y</u> / N	
Relinquished by: (Signature) <u>Andrew Miso</u>	Date <u>5/24/23</u>	Time <u>2400</u>	Received by: (Signature) <u>Cathy Mars</u>	Date <u>5/25/23</u>	Time <u>8:20</u>	T1 _____ T2 _____ T3 _____	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____						AVG Temp °C <u>4</u>	

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

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





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 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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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	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.



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CS1

## E307062-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2329007	
Chloride	2290	20.0	1	07/17/23	07/17/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CS2

## E307062-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.0 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	92.7 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	1890	20.0	1	07/17/23	07/17/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CS3

## E307062-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.5 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	91.7 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	2110	20.0	1	07/17/23	07/17/23	





## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CS4

## E307062-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.7 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	91.9 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	1990	20.0	1	07/17/23	07/17/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CS5

## E307062-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.9 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	91.7 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	2120	20.0	1	07/17/23	07/17/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CS6

## E307062-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.5 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	87.7 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	2040	20.0	1	07/17/23	07/17/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

CS7

E307062-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.1 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2329003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	82.5 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>	86.0 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2329007	
Chloride	2190	20.0	1	07/17/23	07/17/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CS8

## E307062-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.4 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	89.1 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	2200	20.0	1	07/17/23	07/17/23	





## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CS9

## E307062-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.7 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	89.8 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	2200	20.0	1	07/17/23	07/17/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CS10

## E307062-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.8 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	87.9 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	2200	20.0	1	07/17/23	07/18/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CS11

## E307062-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.0 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	92.2 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	1570	20.0	1	07/17/23	07/18/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW1

## E307062-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.3 %	70-130		07/17/23	07/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	84.8 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	620	20.0	1	07/17/23	07/18/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW2

## E307062-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.8 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	94.1 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	550	20.0	1	07/17/23	07/18/23	





## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW3

## E307062-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.2 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	641	20.0	1	07/17/23	07/18/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW4

## E307062-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.0 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	91.6 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	471	20.0	1	07/17/23	07/18/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW5

## E307062-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.8 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	89.6 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	550	20.0	1	07/17/23	07/18/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW6

## E307062-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.1 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	90.9 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	497	20.0	1	07/17/23	07/18/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW7

## E307062-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.8 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	91.5 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	530	20.0	1	07/17/23	07/18/23	





## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW8

## E307062-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.7 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	293	20.0	1	07/17/23	07/18/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW9

## E307062-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.2 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		07/17/23	07/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329007
Chloride	513	20.0	1	07/17/23	07/18/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW10

## E307062-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329006
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.0 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		07/17/23	07/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329013
Chloride	72.6	20.0	1	07/17/23	07/17/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW11

## E307062-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.2 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329006
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.2 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		07/17/23	07/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329013
Chloride	484	20.0	1	07/17/23	07/17/23	



## Sample Data

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

Project Name: Strawberry 7 Fed #2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
7/18/2023 2:35:36PM

## CSW12

## E307062-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2329006
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.0 %	70-130		07/17/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		07/17/23	07/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329013
Chloride	134	20.0	1	07/17/23	07/17/23	





## QC Summary Data

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

## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2329003-BLK1)

Prepared: 07/17/23 Analyzed: 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	7.80		8.00		97.5	70-130			

## LCS (2329003-BS1)

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

Benzene	4.87	0.0250	5.00		97.4	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	4.89	0.0250	5.00		97.7	70-130			
o-Xylene	4.82	0.0250	5.00		96.4	70-130			
p,m-Xylene	9.79	0.0500	10.0		97.9	70-130			
Total Xylenes	14.6	0.0250	15.0		97.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.6	70-130			

## Matrix Spike (2329003-MS1)

Source: E307062-11

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

Benzene	5.02	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.96	0.0250	5.00	ND	99.1	61-133			
Toluene	5.06	0.0250	5.00	ND	101	61-130			
o-Xylene	4.97	0.0250	5.00	ND	99.4	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

## Matrix Spike Dup (2329003-MSD1)

Source: E307062-11

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

Benzene	4.75	0.0250	5.00	ND	95.0	54-133	5.57	20	
Ethylbenzene	4.70	0.0250	5.00	ND	94.0	61-133	5.28	20	
Toluene	4.78	0.0250	5.00	ND	95.7	61-130	5.68	20	
o-Xylene	4.74	0.0250	5.00	ND	94.8	63-131	4.77	20	
p,m-Xylene	9.57	0.0500	10.0	ND	95.7	63-131	5.18	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.4	63-131	5.04	20	
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130			



## QC Summary Data

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

## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2329006-BLK1)

Prepared: 07/17/23 Analyzed: 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: 07/17/23 Analyzed: 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: 07/17/23 Analyzed: 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: 07/17/23 Analyzed: 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	
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2329003-BLK1) Prepared: 07/17/23 Analyzed: 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: 07/17/23 Analyzed: 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: 07/17/23 Analyzed: 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: 07/17/23 Analyzed: 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			



## QC Summary Data

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

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2329006-BLK1)

Prepared: 07/17/23 Analyzed: 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: 07/17/23 Analyzed: 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: E307062-23

Prepared: 07/17/23 Analyzed: 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			

## Matrix Spike Dup (2329006-MSD2)

Source: E307062-23

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

Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.4	70-130	0.0671	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.67		8.00		83.3	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2329004-BLK1)					Prepared: 07/17/23 Analyzed: 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: 07/17/23 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: 07/17/23 Analyzed: 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: 07/17/23 Analyzed: 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			





QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2329005-BLK1)					Prepared: 07/17/23 Analyzed: 07/17/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.0		50.0		112	50-200			

LCS (2329005-BS1)					Prepared: 07/17/23 Analyzed: 07/17/23				
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	49.9		50.0		99.7	50-200			

Matrix Spike (2329005-MS1)					Source: E307053-03		Prepared: 07/17/23 Analyzed: 07/17/23		
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	38-132			
Surrogate: n-Nonane	47.3		50.0		94.7	50-200			

Matrix Spike Dup (2329005-MSD1)					Source: E307053-03		Prepared: 07/17/23 Analyzed: 07/17/23		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	0.940	20	
Surrogate: n-Nonane	45.0		50.0		90.1	50-200			



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2329007-BLK1)					Prepared: 07/17/23 Analyzed: 07/17/23				
Chloride	ND	20.0							
LCS (2329007-BS1)					Prepared: 07/17/23 Analyzed: 07/17/23				
Chloride	276	20.0	250		110	90-110			
Matrix Spike (2329007-MS1)					Source: E307062-01		Prepared: 07/17/23 Analyzed: 07/17/23		
Chloride	2090	20.0	250	2290	NR	80-120			M4
Matrix Spike Dup (2329007-MSD1)					Source: E307062-01		Prepared: 07/17/23 Analyzed: 07/17/23		
Chloride	2280	20.0	250	2290	NR	80-120	8.74	20	M4



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2329013-BLK1)					Prepared: 07/17/23 Analyzed: 07/17/23				
Chloride	ND	20.0							
LCS (2329013-BS1)					Prepared: 07/17/23 Analyzed: 07/17/23				
Chloride	267	20.0	250		107	90-110			
Matrix Spike (2329013-MS1)					Source: E307062-21		Prepared: 07/17/23 Analyzed: 07/17/23		
Chloride	349	20.0	250	72.6	110	80-120			
Matrix Spike Dup (2329013-MSD1)					Source: E307062-21		Prepared: 07/17/23 Analyzed: 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

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	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.







## Chain of Custody

Page 2 of 3

## Project Information

<b>Client:</b> Pima Environmental Services <b>Project:</b> Strawberry 7 Fel. #2 <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 1-6					<b>Lab Use Only</b> <b>Lab WO#</b> E307062 <b>Job Number</b> 01055-0057 <b>Analysis and Method</b>					<b>TAT</b> 1D 2D 3D Standard				<b>EPA Program</b> CWA SDWA RCRA	
										<b>State</b> NM CO UT AZ TX				<b>Remarks</b>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX							
8:50	7/13	S	1	CS 11	11							X								
8:55				CSW 1	12															
9:00				CSW 2	13															
9:05				CSW 3	14															
9:10				CSW 4	15															
9:15				CSW 5	16															
9:20				CSW 6	17															
9:25				CSW 7	18															
9:30				CSW 8	19															
9:35				CSW 9	20															

**Additional Instructions:** WO# 21136920

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

**Relinquished by: (Signature)** Kevin Adams **Date** 7/14/23 **Time** 2:00 **Received by: (Signature)** Michelle Coughlin **Date** 7-14-23 **Time** 1400

**Relinquished by: (Signature)** Michelle Coughlin **Date** 7-14-23 **Time** 1700 **Received by: (Signature)** Michelle Coughlin **Date** 7-14-23 **Time** 1800

**Relinquished by: (Signature)** Michelle Coughlin **Date** 7-14-23 **Time** 2300 **Received by: (Signature)** Carla Man **Date** 7/17/23 **Time** 8:30

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

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

**Received on ice:** Y / N

**T1**            **T2**            **T3**           

**AVG Temp °C** 4

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


**envirotech**



### Project Information

[illegible]

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 261635

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	None	9/6/2023