

Incident ID	NAPP2100740038
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>>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 not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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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: 5/19/2023

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

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2100740038
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Facility ID	
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Closure

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

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

- ☒ 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

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Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 5/19/2023

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

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Incident ID	NAPP2100740038
District RP	
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Printed Name: Dale Woodall Title: Environmental Professional
Signature: Dale Woodall Date: 5/19/2023
email: dale.woodall@dvn.com Telephone: 575-748-1839

OCD Only

Received by: Robert Hamlet Date: 9/25/2023

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

Closure Approved by: Robert Hamlet Date: 9/25/2023
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



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

May 19th, 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 Com #005H
API No. 30-015-37257
GPS: Latitude 32.6762733 Longitude -103.9012756
UL- H, Sec. 7, T19S, R31E
Eddy County, NM
NMOCD Incident ID NAPP2100740038

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 Com #005H (Strawberry). The initial C-141 was submitted on January 7th, 2021 (Appendix C). This was assigned with Incident ID NAPP2100740038, 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 H, Section 7, Township 19S, Range 31E, Latitude 32.6762733, Longitude -103.9012756, Eddy County, NM. Figure 1 references a Location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of 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. 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 around 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 260 feet BGS. The closest waterway is an unnamed playa located approximately 2.75 miles to the west of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29

Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	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

NAPP2100740038: On September 26th, 2020, a stainless-steel line developed a pin hole leak causing fluid to be released onto the ground around the wellhead. The release fluid stayed on the production pad surface. The calculated fluids released were approximately 5 barrels (bbls) of crude oil and 6.65 bbls of produced water. A vacuum truck was able to recover approximately 5 bbls of standing fluid.

Countermeasures due to rejection

On November 14th, 2022, a closure report was submitted to the OCD, the report was rejected due to use of a bioremediation product not approved by the OCD. The rejected report can be found in the incident file on the NMOCDC website.

Site Assessment and Soil Sampling Results

On March 13th, and 23rd, 2023, Pima Environmental mobilized personnel to the Strawberry to re-assess the spill. Pima collected a total of 54 soil samples, twelve bottom samples (S1-S12) were collected to achieve vertical delineation and ten side wall samples (SW1-SW10) were collected to achieve horizontal delineation, two background sample (BG4 and BG5) were collected to prove previous levels of contamination are no longer present. Laboratory results of this sampling event can be found in the following data table. A site map can be found in Figure 4.

3-13-2023 and 3-23-2023 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - STRAWBERRY 7 FED COM 5H								
Sample Date: 3/13/2023 , 3/23/2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	1060	966	2026	831
	2'	ND	ND	ND	ND	ND	0	216
	4'	ND	ND	ND	ND	ND	0	28.4
S-2	1'	ND	ND	ND	2570	1480	4050	789
	2'	ND	ND	ND	ND	ND	0	224
	4'	ND	ND	ND	ND	ND	0	21.2
S-3	1'	ND	ND	ND	1300	1130	2430	823
	2'	ND	ND	ND	ND	ND	0	230
	4'	ND	ND	ND	ND	ND	0	21.7
S-4	1'	ND	ND	ND	3820	2070	5890	320
	2'	ND	ND	ND	77.4	ND	77.4	235
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	548	285	833	190
	2'	ND	ND	ND	64.2	ND	64.2	235
	4'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	2630	1380	4010	256
	2'	ND	ND	ND	259	133	392	239
	4'	ND	ND	ND	ND	ND	0	ND
S-7	1'	ND	ND	ND	3570	1850	5420	333
	2'	ND	ND	ND	214	125	339	248
	4'	ND	ND	ND	ND	ND	0	ND
S-8	1'	ND	ND	ND	1310	1320	2630	860
	2'	ND	ND	ND	255	244	499	301
	4'	ND	ND	ND	ND	ND	0	20.1
S-9	1'	ND	ND	ND	10200	6770	16970	340
	2'	ND	ND	ND	991	1300	2291	670
	4'	ND	ND	ND	ND	ND	0	ND
S-10	1'	ND	ND	ND	12800	7900	20700	350

	2'	ND	ND	ND	872	1040	1912	590
	4'	ND	ND	ND	ND	ND	0	ND
S-11	1'	ND	ND	ND	4430	3250	7680	192
	2'	ND	ND	ND	1440	2010	3450	603
	4'	ND	ND	ND	ND	ND	0	ND
S-12	1'	ND	ND	ND	9120	6090	15210	271
	2'	ND	ND	ND	1020	1410	2430	650
	4'	ND	ND	ND	ND	ND	0	ND
SW 1	6"	ND	ND	ND	ND	ND	0	29.7
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
SW 5	6"	ND	ND	ND	ND	ND	0	32
SW 6	6"	ND	ND	ND	ND	ND	0	33
SW 7	6"	ND	ND	ND	ND	ND	0	33.8
SW 8	6"	ND	ND	ND	ND	ND	0	ND
SW 9	6"	ND	ND	ND	ND	ND	0	33.9
SW 10	6"	ND	ND	ND	ND	ND	0	30.1
BG 4	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
BG 5	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND

Nd: Non-Detect

Remediation Activities

On May 8th, through 17th, 2023, Pima mobilized personnel and equipment to conduct remedial activities. We excavated the area overlapping soil sample (S1-S10 and S12) to a depth of 1.5 feet, and the area overlapping (S11) was excavated to a depth of 2.5 feet bgs. The area overlapping BG-4 and BG-5 is under NMOCD Closure criteria, no further remediation is required. Photographic documentation can be found in Appendix D. A confirmation site map can be found in Figure 5.

An area approximately 225 feet in length by 14 feet wide was excavated to various depths utilizing a backhoe.

On May 15th, 2023, after submitting the 48-hour notification (Appendix C), Pima collected confirmation samples. The laboratory results of this sampling event can be found in the following data table.

5-15-23 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - STRAWBERRY 7 FED COM 5H								
Sample Date: 5/11/2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
CS 1	1.5'	ND	ND	ND	ND	ND	0	ND
CS 2	1.5'	ND	ND	ND	ND	ND	0	ND
CS 3	1.5'	ND	ND	ND	ND	ND	0	ND
CS 4	1.5'	ND	ND	ND	ND	ND	0	ND
CS 5	1.5'	ND	ND	ND	ND	ND	0	ND
CS 6	1.5'	ND	ND	ND	ND	ND	0	ND
CS 7	1.5'	ND	ND	ND	ND	ND	0	ND
CS 8	1.5'	ND	ND	ND	ND	ND	0	ND
CS 9	1.5'	ND	ND	ND	ND	ND	0	ND
CS 10	1.5'	ND	ND	ND	ND	ND	0	ND
CS 11	1.5'	ND	ND	ND	ND	ND	0	ND

CS 12	1.5'	ND	ND	ND	ND	ND	0	ND
CS 13	2.5'	ND	ND	ND	ND	ND	0	ND
CS 14	2.5'	ND	ND	ND	ND	ND	0	ND
CS 15	1.5'	ND	ND	ND	ND	ND	0	ND
CS 16	1.5'	ND	ND	ND	ND	ND	0	ND
CSW 1	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 2	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 3	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 4	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 5	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 6	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 7	0-2.5'	ND	ND	ND	ND	ND	0	ND
CSW 8	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 9	0-2.5'	ND	ND	ND	ND	ND	0	ND
CSW 10	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 11	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 12	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 13	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 14	0-1.5'	ND	ND	ND	ND	ND	0	ND
CSW 15	0-1.5'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Closure Request

After careful review, Pima requests that this incident, NAPP2100740038, be closed. Devon Energy 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 Sebastian Orozco at 619-721-4813 or Sebastian@pimaoil.com.

Respectfully,

Sebastian Orozco

Sebastian Orozco
Environmental Project Manager
Pima Environmental Services, LLC

Attachments

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form and 48-Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services



Figures:

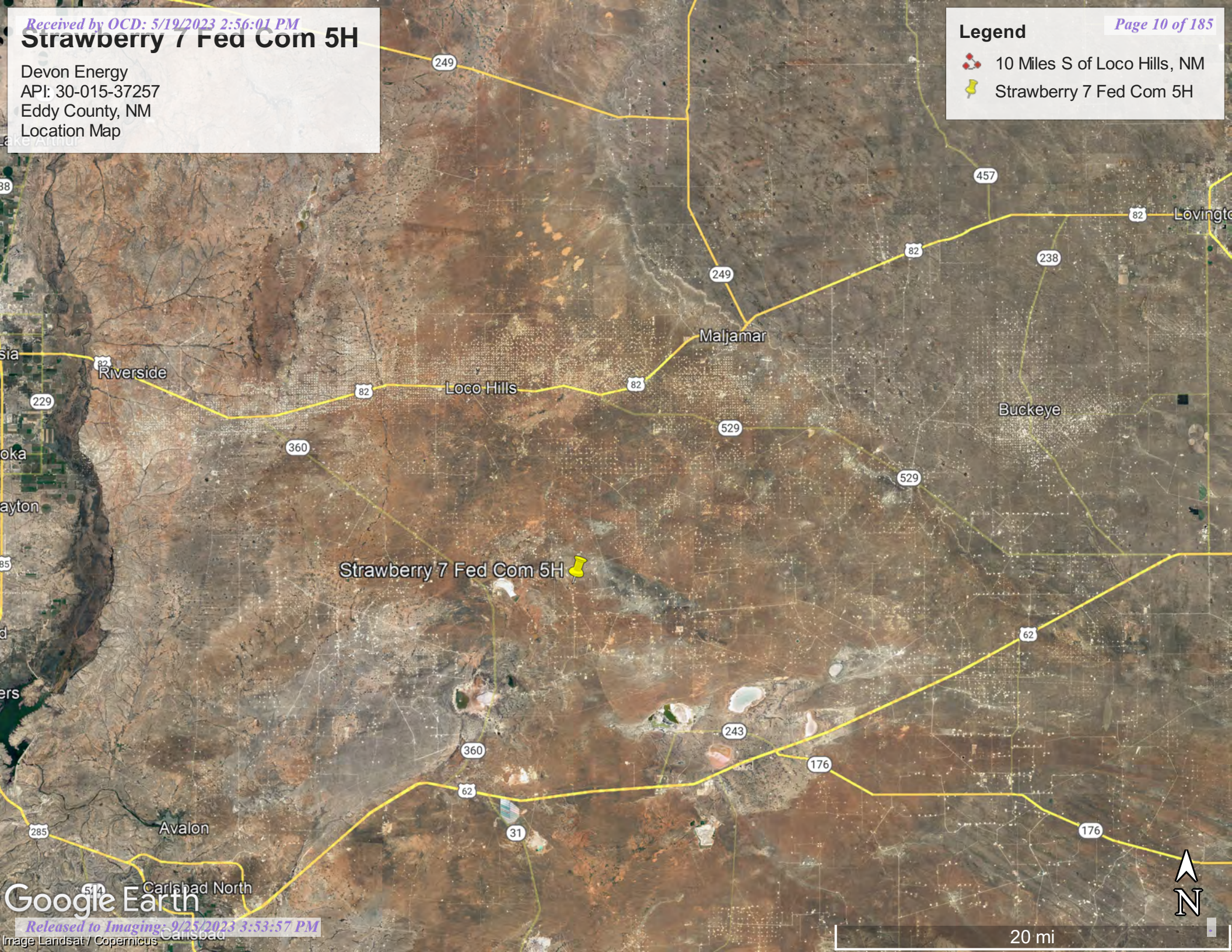
- 1-Location Map
- 2-Topographic Map
- 3-Karst Map
- 4-Site Map
- 5-Confirmation Map

Strawberry 7 Fed Com 5H

Devon Energy
API: 30-015-37257
Eddy County, NM
Location Map

Legend

-  10 Miles S of Loco Hills, NM
-  Strawberry 7 Fed Com 5H



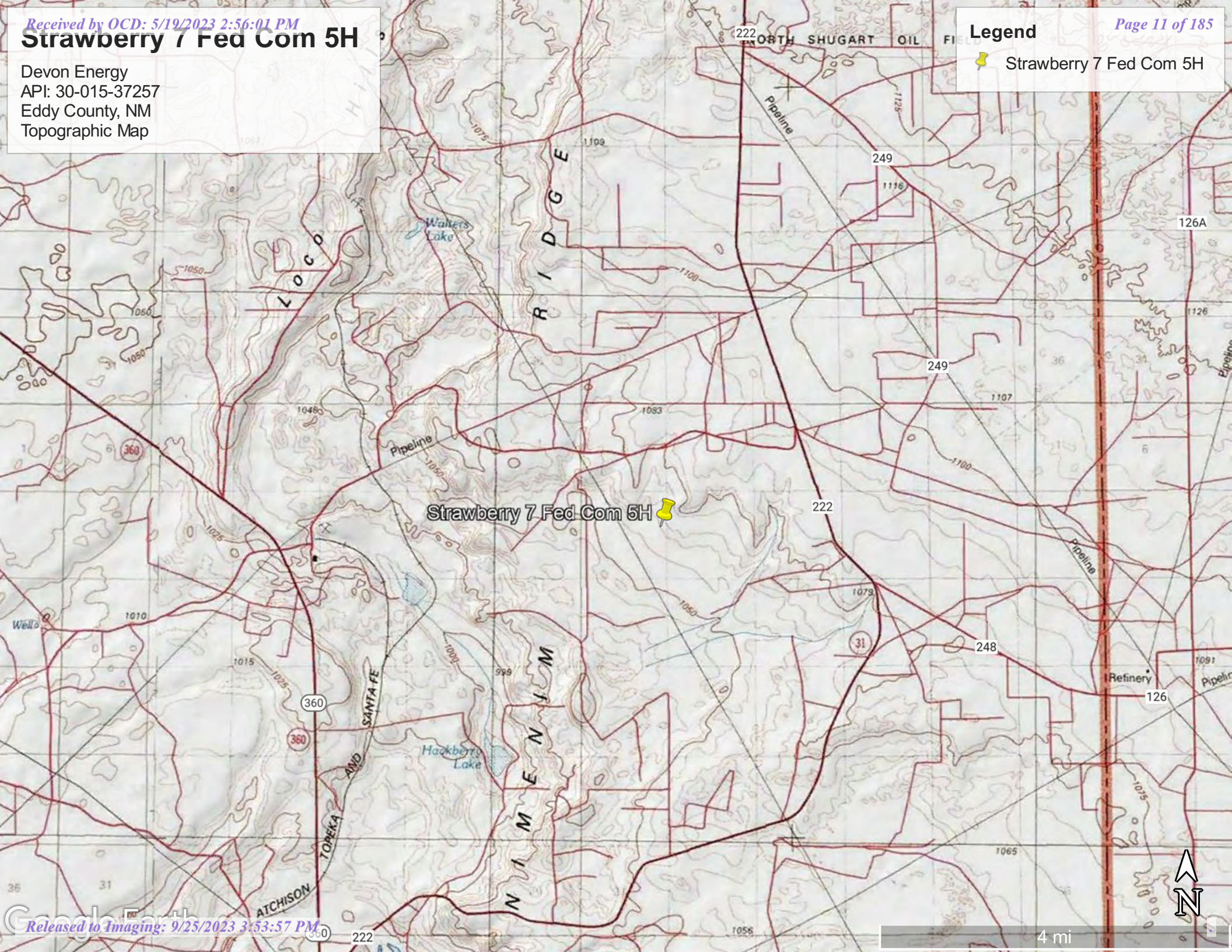
Strawberry 7 Fed Com 5H

Devon Energy
API: 30-015-37257
Eddy County, NM
Topographic Map

Legend



Strawberry 7 Fed Com 5H

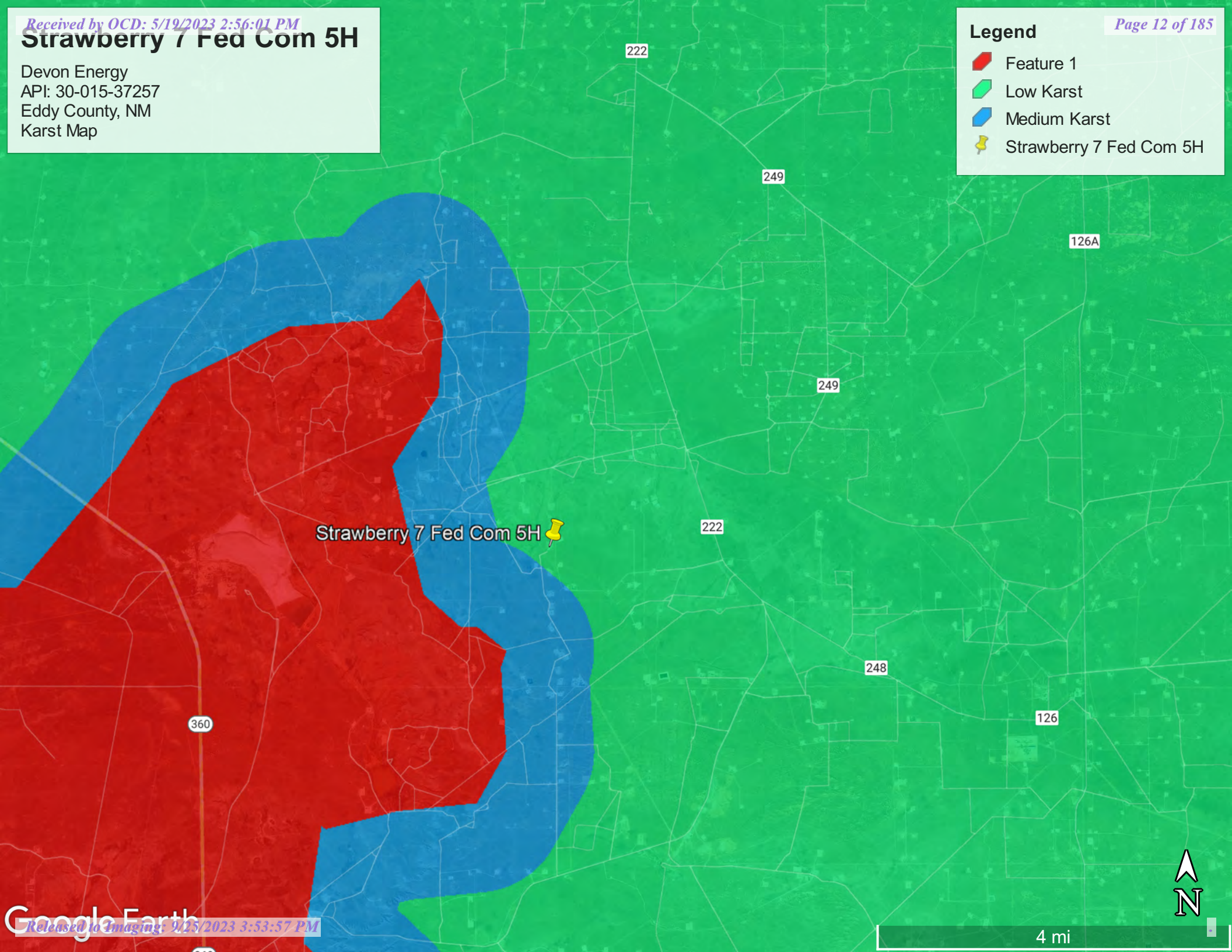


Strawberry 7 Fed Com 5H

Devon Energy
API: 30-015-37257
Eddy County, NM
Karst Map

Legend

- Feature 1
- Low Karst
- Medium Karst
- Strawberry 7 Fed Com 5H



Strawberry 7 Fed Com 5H

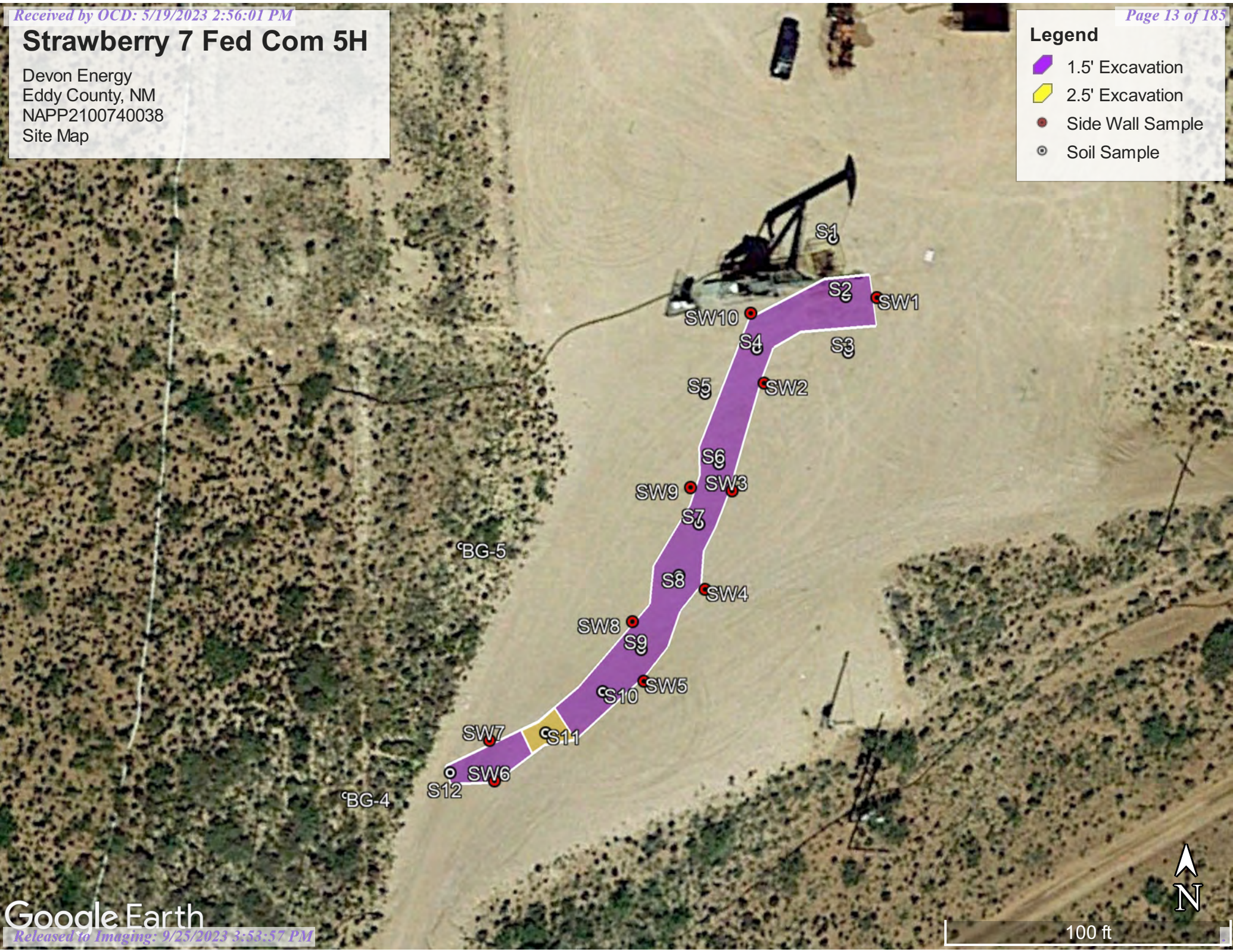


Strawberry 7 Fed Com 5H

Devon Energy
Eddy County, NM
NAPP2100740038
Site Map

Legend

- 1.5' Excavation
- 2.5' Excavation
- Side Wall Sample
- Soil Sample



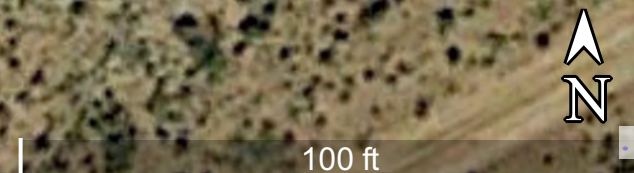
Strawberry 7 Fed Com 5H

Devon Energy
Eddy County, NM
NAPP2100740038
Confirmation Map

Legend

- 1.5' Excavation
- 2.5' Excavation
- Confirmation Bottom Sample
- Confirmation Side Wall Sample
- Strawberry 7 Fed Com 5H

Strawberry 7 Fed Com 5H





Pima Environmental Services

Appendix A

Well Logs

Borehole Location

Water Surveys:

OSE

USGS

Surface Water Map



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD - CP01942		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 LATITUDE 32	MINUTES 40	SECONDS 56.79	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE 103	54	4.32	W	* 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)		DATE STATIC MEASURED	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	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) FROM TO		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)
	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) FROM TO		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	

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

HYDROGEOLOGIC OF WELLS

5. TEST: REGISTRATION

6. SIGNATURE

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

Strawberry 7 Fed Com 5H

Devon Energy
Eddy County, NM
NAPP2100740038
DTGW Borehole Location

Legend

 0.5 Mile Radius



3000 ft



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
CP 01907 POD1		CP	ED	4	2	2	18	19S	31E	603017	3614737	1195			
CP 00873 POD1		CP	LE		1	1	19	19S	31E	601772	3613147*	3049	340	180	160
CP 00829 POD1		CP	LE		2	4	16	19S	31E	606165	3614009*	3690	120		
CP 00357 POD1		CP	ED	4	4	1	24	19S	30E	600667	3612631*	4051	630		
CP 00357 POD2		CP	ED	4	3	1	24	19S	30E	600265	3612627*	4299	630		
CP 01941 POD1		CP	ED	3	2	2	29	19S	31E	604524	3611512	4670	55	54	1
CP 01554 POD1		CP	LE	2	2	1	22	19S	31E	607166	3613354	4885	400		
CP 01554 POD2		CP	LE	2	2	1	22	19S	31E	607165	3613322	4902	400		
CP 00767 POD1		CP	ED		3	2	35	18S	30E	599300	3619158*	4920	500		
CP 00647 POD1	O	CP	ED	4	2	2	15	19S	30E	598235	3614621*	4956	200	92	108

Average Depth to Water: **108 feet**

Minimum Depth: **54 feet**

Maximum Depth: **180 feet**

Record Count: 10

UTM NAD83 Radius Search (in meters):

Easting (X): 603014.96

Northing (Y): 3615932.21

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.

5/12/23 10:26 AM

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.

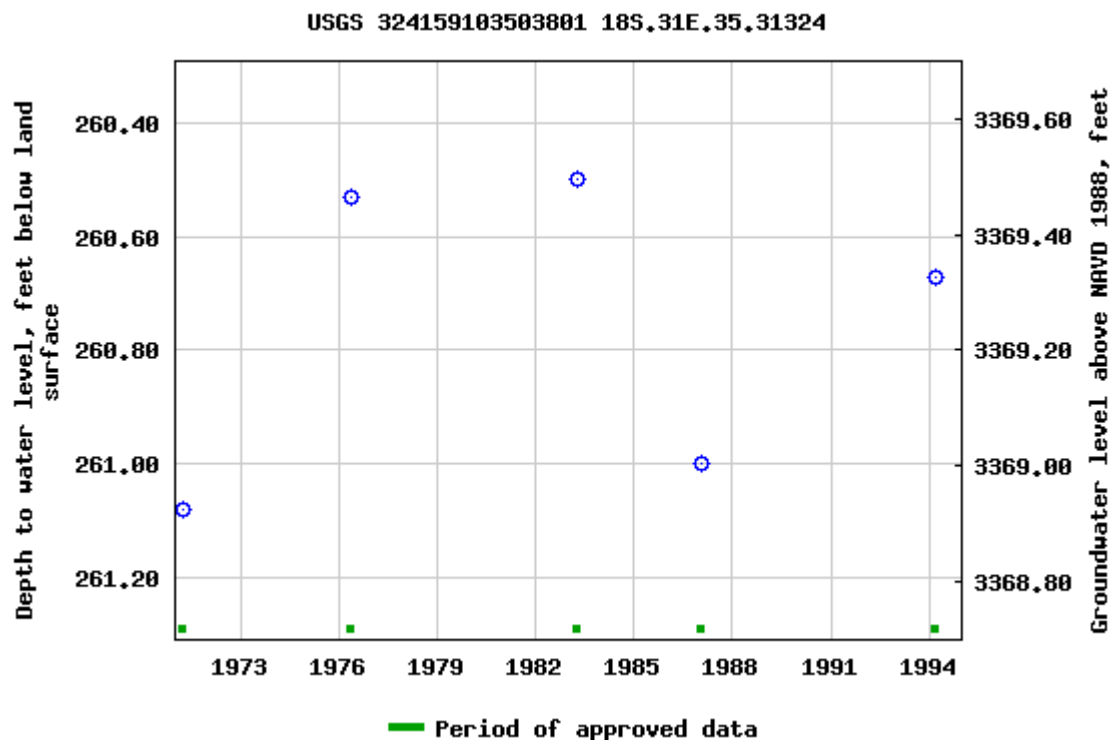
Output formats

[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](#)

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[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: 2023-05-12 12:24:14 EDT

0.59 0.51 nadww02

Strawberry 7 Fed Com 5H

Devon Energy
API: 30-015-37257
Eddy County, NM
Surface Water Map

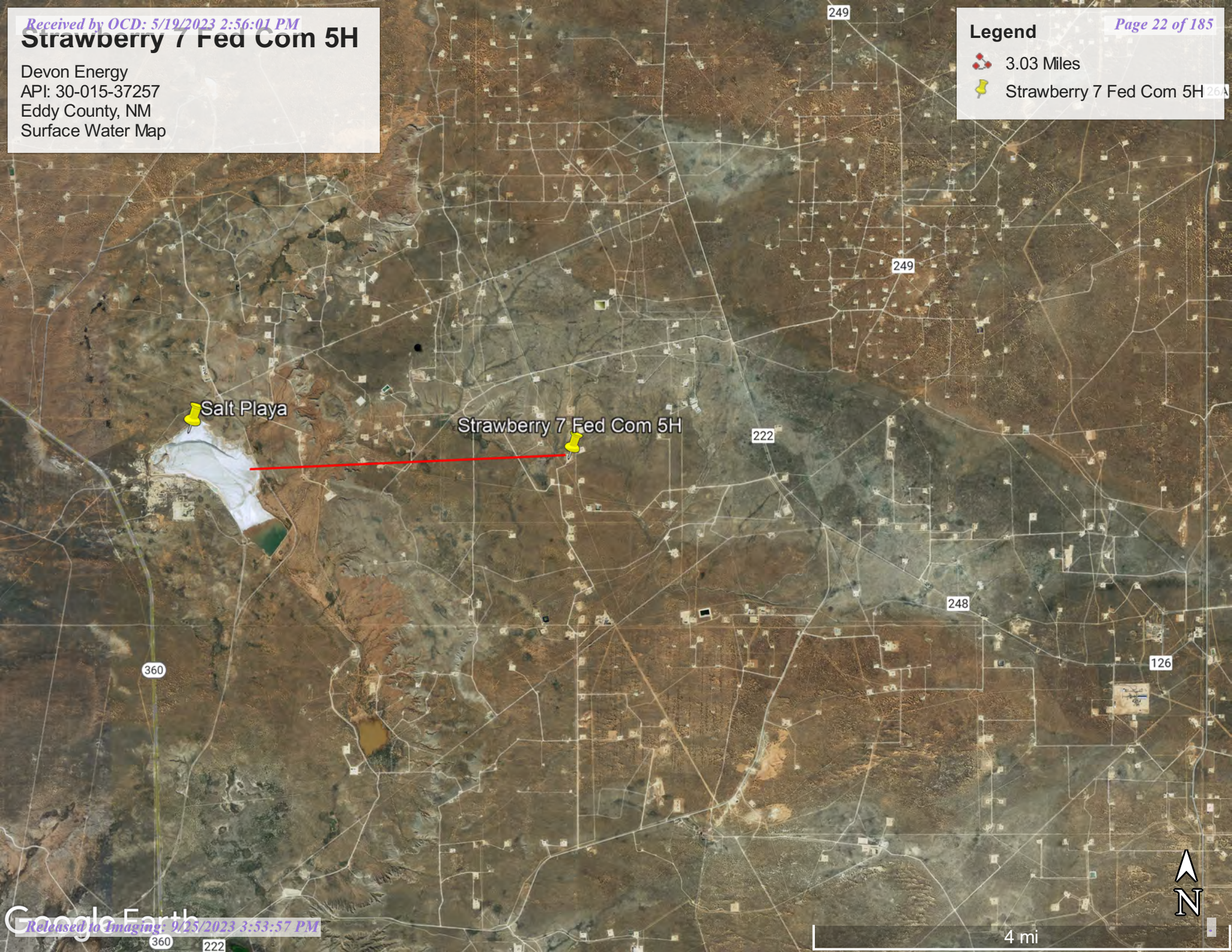
Legend



3.03 Miles



Strawberry 7 Fed Com 5H 26A





Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Berino loamy fine sand, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

BA—Berino loamy fine sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w42

Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 6 to 14 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 99 percent

Minor components: 1 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains, fan piedmonts

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 12 inches: loamy fine sand

H2 - 12 to 58 inches: sandy clay loam

H3 - 58 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 7e

Map Unit Description: Berino loamy fine sand, 0 to 3 percent slopes---Eddy Area, New Mexico

Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Minor Components

Pajarito

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

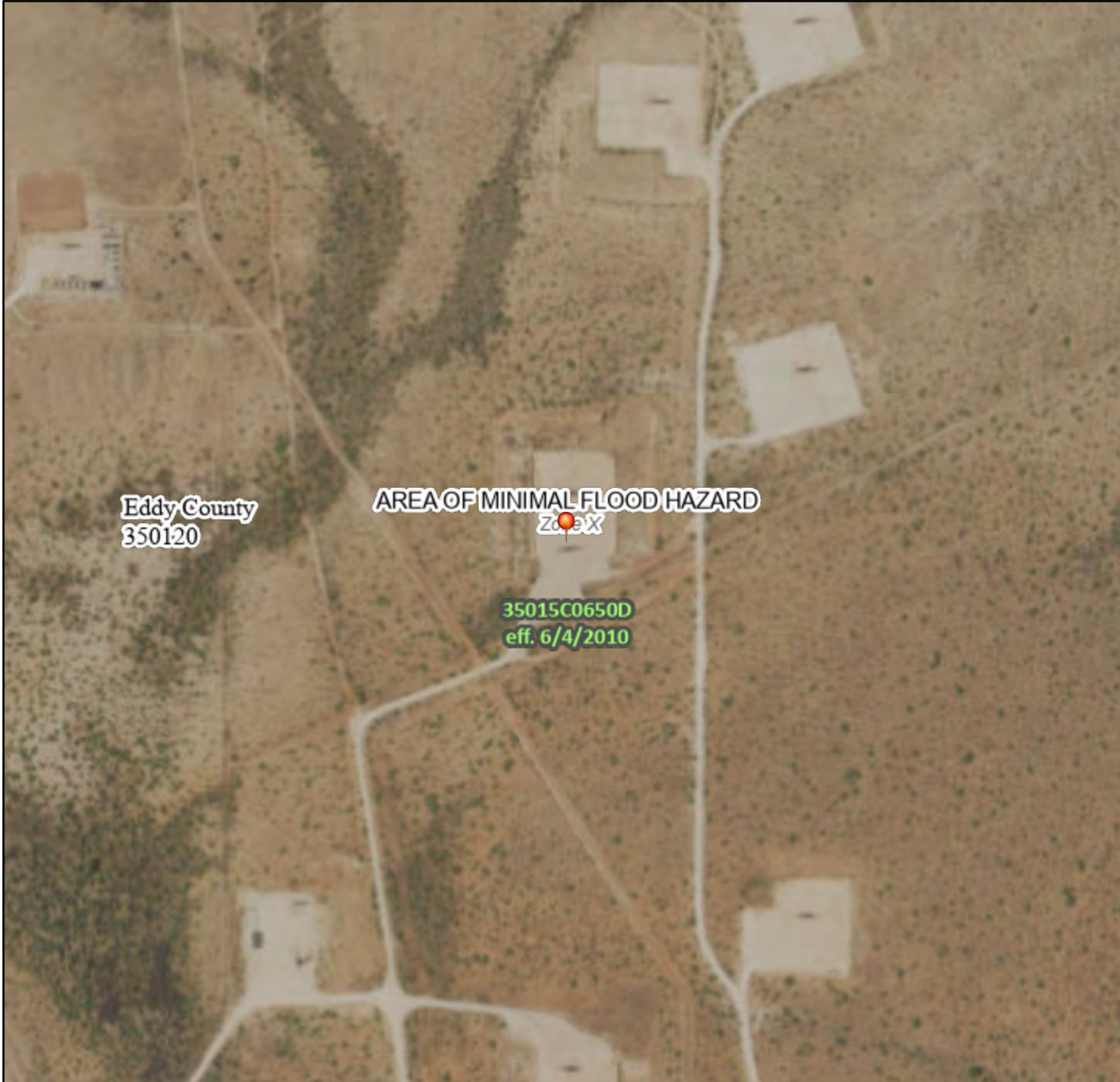
Data Source Information

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

National Flood Hazard Layer FIRMette



103°54'23"W 32°40'50"N



Legend

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

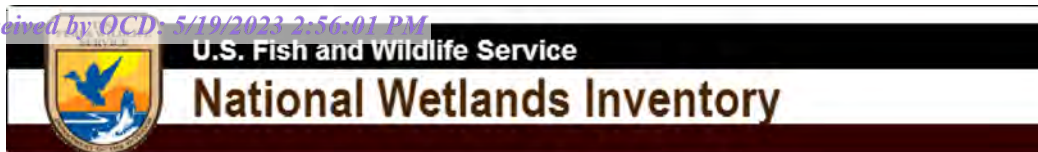
SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of 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
		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.

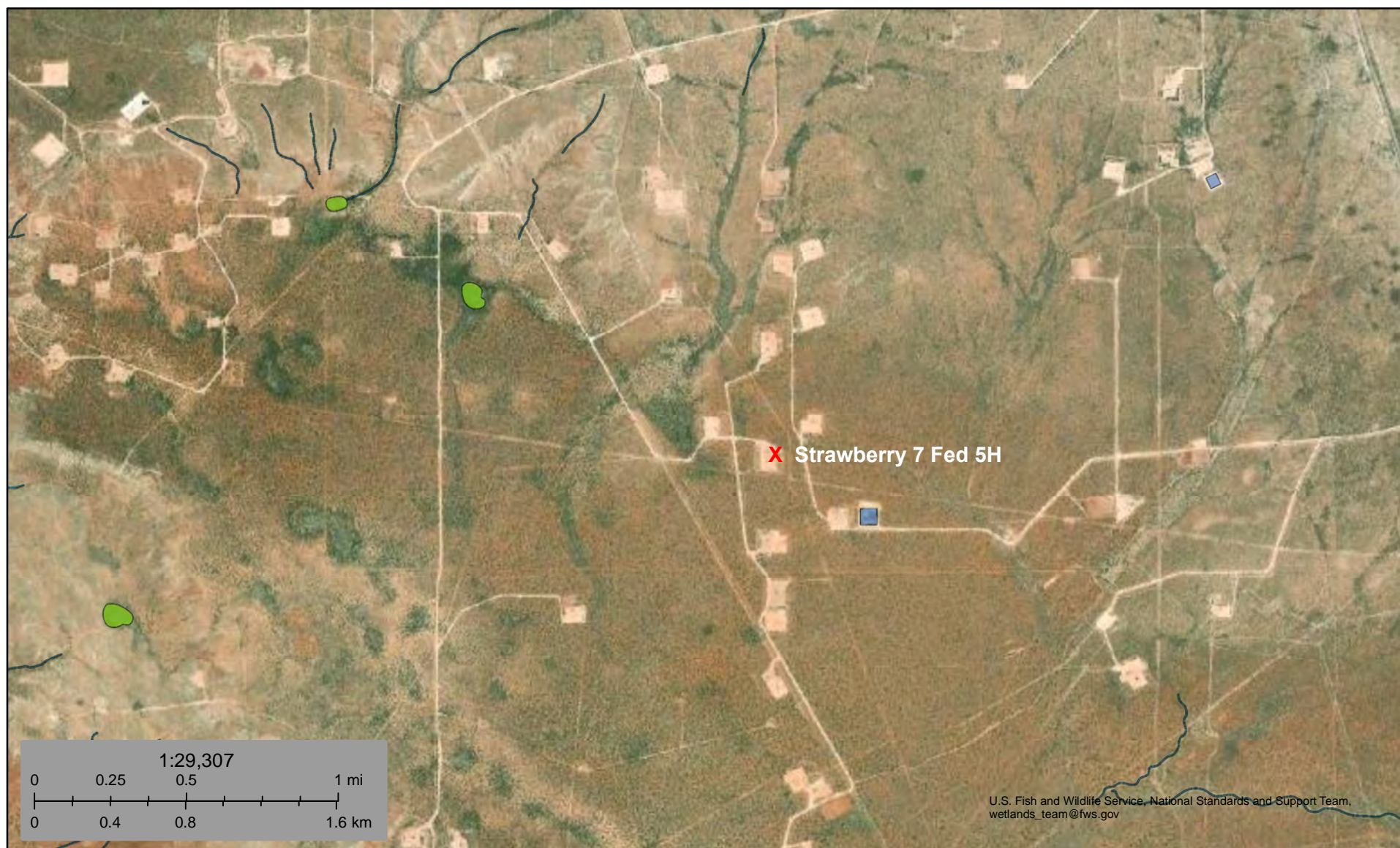
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/12/2023 at 12:43 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



May 12, 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
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NAPP2100740038
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Wesley Mathews	Contact Telephone
Contact email Wesley.Mathews@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.6762733 Longitude -103.9012756
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Strawberry 7 Fed Com 5H	Site Type Oil
Date Release Discovered 9/26/2020	API# (if applicable) 30-015-37257

Unit Letter	Section	Township	Range	County
H	07	19S	31E	Eddy

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 5 BBLS	Volume Recovered (bbls) 5 BBLS
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 6.65 BBLS	Volume Recovered (bbls) 0 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Stainless steel line developed pin hole leak causing spill.

Incident ID	NAPP2100740038
District RP	
Facility ID	
Application ID	

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: Spill was not in containment.	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Kendra DeHoyos</u>	Title: <u>EHS Associate</u>
Signature: <u>Kendra DeHoyos</u>	Date: <u>1/7/2021</u>
email: <u>Kendra.DeHoyos@dvn.com</u>	Telephone: <u>575-748-0167</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>1/8/2021</u>

NAPP2100740038

<u>Spill Volume(Bbls) Calculator</u>	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>4828.612</u>	<u>0.250</u>
Cubic Feet of Soil Impacted	<u>100.596</u>
Barrels of Soil Impacted	<u>17.93</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>2.69</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	2.69
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>4828.612</u>	<u>0.125</u>
Standing fluid	<u>8.966</u>
<u>Total fluids spilled</u>	<u>11.656</u>

Incident ID	NAPP2100740038
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>>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 not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NAPP2100740038
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: 5/19/2023

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

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2100740038
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: 5/19/2023

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

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: sebastian@pimaoil.com
To: ocdonline@state.nm.us
Cc: Polly@pimaoil.com; "Gio PimaOil"
Subject: Strawberry 7 Fed Com 5H (NAPP2100740038) 48 Hour Notification
Date: Monday, May 8, 2023 12:43:15 PM
Attachments: [image001.png](#)

Good afternoon,

Pima Environmental would like to notify you that we will be conducting a confirmation sampling event at the Strawberry 7 Fed Com 5H (NAPP2100740038) on Thursday May 11th, 2023. Pima personnel will be on location at 6:00 am. Thank you.

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





Pima Environmental Services

Appendix D

Photographic Documentation

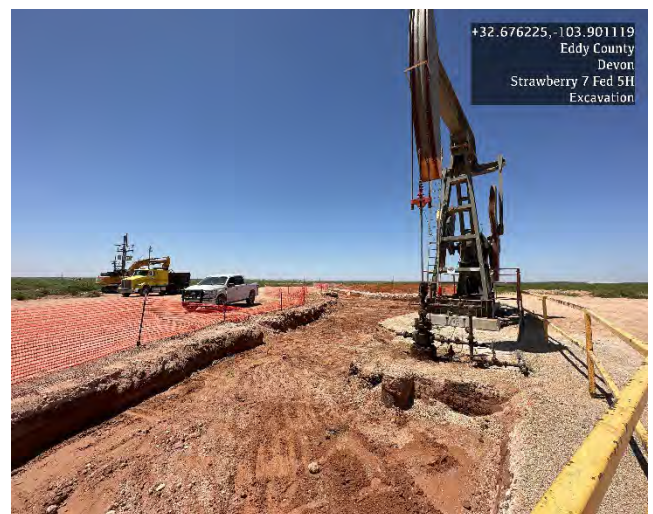


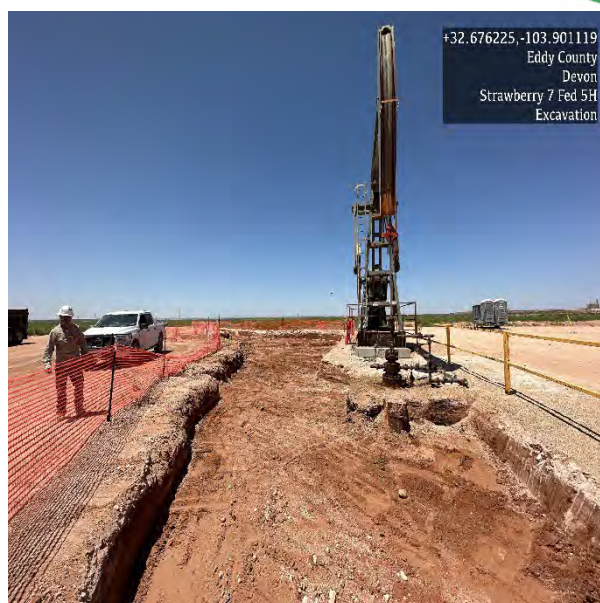
**SITE PHOTOGRAPHS
SPUR ENERGY PARTNERS
STRAWBERRY 7 FED COM 5H**

Excavation









Post Excavation







Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Strawberry 7 Fed Com 5H

Work Order: E303048

Job Number: 01058-0007

Received: 3/15/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/20/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/20/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Strawberry 7 Fed Com 5H
Workorder: E303048
Date Received: 3/15/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/15/2023 7:00:00AM, under the Project Name: Strawberry 7 Fed Com 5H.

The analytical test results summarized in this report with the Project Name: Strawberry 7 Fed Com 5H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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S3 - 4'	14
S4 - 1'	15
S4 - 2'	16
S4 - 4'	17
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/20/23 17:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E303048-01A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S1 - 2'	E303048-02A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S1 - 4'	E303048-03A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S2 - 1'	E303048-04A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S2 - 2'	E303048-05A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S2 - 4'	E303048-06A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S3 - 1'	E303048-07A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S3 - 2'	E303048-08A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S3 - 4'	E303048-09A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S4 - 1'	E303048-10A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S4 - 2'	E303048-11A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S4 - 4'	E303048-12A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S5 - 1'	E303048-13A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S5 - 2'	E303048-14A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S5 - 4'	E303048-15A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S6 - 1'	E303048-16A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S6 - 2'	E303048-17A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S6 - 4'	E303048-18A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S7 - 1'	E303048-19A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S7 - 2'	E303048-20A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S1 - 1'

E303048-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/15/23	
Toluene	ND	0.0250	1	03/15/23	03/15/23	
o-Xylene	ND	0.0250	1	03/15/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/15/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/15/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		03/15/23	03/15/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/15/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/15/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		03/15/23	03/15/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	1060	250	10	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	966	500	10	03/15/23	03/17/23	
Surrogate: n-Nonane	87.1 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	831	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S1 - 2'

E303048-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/15/23	
Toluene	ND	0.0250	1	03/15/23	03/15/23	
o-Xylene	ND	0.0250	1	03/15/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/15/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/15/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/15/23	03/15/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/15/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/15/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/15/23	03/15/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	95.2 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	216	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S1 - 4'

E303048-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/15/23	
Toluene	ND	0.0250	1	03/15/23	03/15/23	
o-Xylene	ND	0.0250	1	03/15/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/15/23	
Surrogate: Bromofluorobenzene	94.6 %	70-130		03/15/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		03/15/23	03/15/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/15/23	
Surrogate: Bromofluorobenzene	94.6 %	70-130		03/15/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		03/15/23	03/15/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	97.4 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	28.4	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S2 - 1'

E303048-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/15/23	
Toluene	ND	0.0250	1	03/15/23	03/15/23	
o-Xylene	ND	0.0250	1	03/15/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/15/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/15/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/15/23	03/15/23	
Surrogate: Toluene-d8	101 %	70-130		03/15/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/15/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/15/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/15/23	03/15/23	
Surrogate: Toluene-d8	101 %	70-130		03/15/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	2570	250	10	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	1480	500	10	03/15/23	03/17/23	
Surrogate: n-Nonane	93.6 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	789	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S2 - 2'

E303048-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/15/23	
Toluene	ND	0.0250	1	03/15/23	03/15/23	
o-Xylene	ND	0.0250	1	03/15/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/15/23	
Surrogate: Bromofluorobenzene	92.2 %	70-130		03/15/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/15/23	03/15/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/15/23	
Surrogate: Bromofluorobenzene	92.2 %	70-130		03/15/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/15/23	03/15/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	95.5 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	224	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S2 - 4'

E303048-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	90.5 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	101 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	90.5 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	101 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	95.2 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	21.2	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S3 - 1'

E303048-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	1300	250	10	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	1130	500	10	03/15/23	03/17/23	
Surrogate: n-Nonane	87.7 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	823	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S3 - 2'

E303048-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.5 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	103 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.5 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	103 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	94.1 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	230	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S3 - 4'

E303048-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	87.8 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	21.7	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S4 - 1'

E303048-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	103 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	103 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	3820	250	10	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	2070	500	10	03/15/23	03/17/23	
Surrogate: n-Nonane	91.2 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	320	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S4 - 2'

E303048-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	77.4	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	92.7 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	235	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S4 - 4'

E303048-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	91.3 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	ND	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S5 - 1'

E303048-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	548	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	285	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	93.1 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	190	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S5 - 2'

E303048-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	99.9 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	99.9 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	64.2	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	94.3 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	235	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S5 - 4'

E303048-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	97.1 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	ND	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S6 - 1'

E303048-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	2630	250	10	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	1380	500	10	03/15/23	03/17/23	
Surrogate: n-Nonane	97.1 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	256	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S6 - 2'

E303048-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	95.1 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	95.1 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	259	25.0	1	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	133	50.0	1	03/15/23	03/17/23	
Surrogate: n-Nonane	92.7 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	239	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S6 - 4'

E303048-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	101 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	101 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/17/23	
Surrogate: n-Nonane	94.8 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	ND	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S7 - 1'

E303048-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	92.5 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	92.5 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	3570	250	10	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	1850	500	10	03/15/23	03/17/23	
Surrogate: n-Nonane	93.9 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	333	20.0	1	03/15/23	03/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/20/2023 5:24:03PM

S7 - 2'

E303048-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	90.5 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	90.5 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	102 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311039
Diesel Range Organics (C10-C28)	214	25.0	1	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	125	50.0	1	03/15/23	03/17/23	
Surrogate: n-Nonane	98.5 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2311030
Chloride	248	20.0	1	03/15/23	03/17/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/20/2023 5:24:03PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2311035-BLK1)

Prepared: 03/15/23 Analyzed: 03/15/23

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	0.454		0.500		90.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS (2311035-BS1)

Prepared: 03/15/23 Analyzed: 03/15/23

Benzene	2.53	0.0250	2.50		101	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.4	70-130			
Toluene	2.59	0.0250	2.50		103	70-130			
o-Xylene	2.65	0.0250	2.50		106	70-130			
p,m-Xylene	5.08	0.0500	5.00		102	70-130			
Total Xylenes	7.72	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.475		0.500		94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike (2311035-MS1)

Source: E303048-02

Prepared: 03/15/23 Analyzed: 03/15/23

Benzene	2.60	0.0250	2.50	ND	104	48-131			
Ethylbenzene	2.56	0.0250	2.50	ND	103	45-135			
Toluene	2.67	0.0250	2.50	ND	107	48-130			
o-Xylene	2.76	0.0250	2.50	ND	110	43-135			
p,m-Xylene	5.26	0.0500	5.00	ND	105	43-135			
Total Xylenes	8.02	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike Dup (2311035-MSD1)

Source: E303048-02

Prepared: 03/15/23 Analyzed: 03/15/23

Benzene	2.58	0.0250	2.50	ND	103	48-131	0.675	23	
Ethylbenzene	2.54	0.0250	2.50	ND	102	45-135	0.960	27	
Toluene	2.64	0.0250	2.50	ND	105	48-130	1.21	24	
o-Xylene	2.72	0.0250	2.50	ND	109	43-135	1.50	27	
p,m-Xylene	5.19	0.0500	5.00	ND	104	43-135	1.42	27	
Total Xylenes	7.91	0.0250	7.50	ND	105	43-135	1.44	27	
Surrogate: Bromofluorobenzene	0.481		0.500		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/20/2023 5:24:03PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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 (2311035-BLK1)

Prepared: 03/15/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.454		0.500		90.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS (2311035-BS2)

Prepared: 03/15/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.5	70-130			
Surrogate: Bromofluorobenzene	0.468		0.500		93.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike (2311035-MS2)

Source: E303048-02

Prepared: 03/15/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.2	70-130			
Surrogate: Bromofluorobenzene	0.462		0.500		92.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike Dup (2311035-MSD2)

Source: E303048-02

Prepared: 03/15/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.8	70-130	8.79	20	
Surrogate: Bromofluorobenzene	0.465		0.500		93.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/20/2023 5:24:03PM

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 (2311039-BLK1)

Prepared: 03/15/23 Analyzed: 03/16/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.6		50.0		89.1	50-200			

LCS (2311039-BS1)

Prepared: 03/15/23 Analyzed: 03/16/23

Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	49.5		50.0		98.9	50-200			

Matrix Spike (2311039-MS1)

Source: E303048-05

Prepared: 03/15/23 Analyzed: 03/16/23

Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	50.1		50.0		100	50-200			

Matrix Spike Dup (2311039-MSD1)

Source: E303048-05

Prepared: 03/15/23 Analyzed: 03/16/23

Diesel Range Organics (C10-C28)	261	25.0	250	ND	105	38-132	4.47	20	
Surrogate: n-Nonane	47.6		50.0		95.2	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/20/2023 5:24:03PM

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 (2311030-BLK1)					Prepared: 03/15/23 Analyzed: 03/16/23				
Chloride	ND	20.0							
LCS (2311030-BS1)					Prepared: 03/15/23 Analyzed: 03/16/23				
Chloride	266	20.0	250		106	90-110			
Matrix Spike (2311030-MS1)					Source: E303048-01		Prepared: 03/15/23 Analyzed: 03/16/23		
Chloride	1090	20.0	250	831	102	80-120			
Matrix Spike Dup (2311030-MSD1)					Source: E303048-01		Prepared: 03/15/23 Analyzed: 03/16/23		
Chloride	1090	20.0	250	831	103	80-120	0.216	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 Com 5H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/20/23 17:24

- 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 1

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: Strawberry 7 Fed 5H		Attention: Devon		Lab WO# F303048		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method									
Address: 5614 N. Lovington Hwy.		City, State, Zip											
City, State, Zip: Hobbs, NM, 88240		Phone:											
Phone: 580-748-1613		Email:											
Email: tom@pimaoil.com		Pima Project # 1-263											
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	BDOC NM	BDOC TX	State	Remarks
8:00	3/3/23	S	1	S1-1'	1							X			
8:05				S1-2'	2										
8:10				S1-4'	3										
8:15				S2-1'	4										
8:20				S2-2'	5										
8:25				S2-4'	6										
8:30				S3-1'	7										
8:35				S3-2'	8										
8:40				S3-4'	9										
8:45				S4-1'	10										

Additional Instructions:

Billing #: 21136152

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.

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
AR	3-14-23	2:00	Michele Campbell	3-14-23	1400	Received on ice: Y/N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Michele Campbell	3-14-23	1700		3-14-23	1759	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
	3-14-23	24:30	Kayleigh R. Hall	3-15-23	0700	
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 5

Client: Pima Environmental Services Project: Strawberry 7 Fed SH 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:					Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 1-263					Lab Use Only Lab WO# E 303048 Job Number 01058-0007 Analysis and Method					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX X										
										DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
8:50	3/13/23	S	1	S4-2'	11															
8:55				S4-4'	12															
9:00				S5-1'	13															
9:05				S5-2'	14															
9:10				S5-4'	15															
9:15				S6-1'	16															
9:20				S6-2'	17															
9:25				S6-4'	18															
9:30				S7-1'	19															
9:35				S7-2'	20															
Additional Instructions: Billing #: 21136152																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Relinquished by: (Signature) AB Date 3-14-23 Time 2:00 Received by: (Signature) Audriana Benander Date 3-14-23 Time 1700																				
Relinquished by: (Signature) Michelle Gungor Date 3-14-23 Time 1700 Received by: (Signature) Michelle Gungor Date 3-14-23 Time 1759																				
Relinquished by: (Signature) Michelle Gungor Date 3-14-23 Time 2430 Received by: (Signature) Michelle Gungor Date 3-15-23 Time 0700																				
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: 3/15/2023 11:15:30AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	03/15/23 07:00	Work Order ID:	E303048
Phone:	(575) 631-6977	Date Logged In:	03/14/23 15:36	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	03/21/23 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: CourierSample 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 InstructionComments/Resolution

Project Strawberry 7 Fed Com 5H has been separated into 2 reports due to sample volume. Workorders are as follows: E303048 & E303049.

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Strawberry 7 Fed Com 5H

Work Order: E303049

Job Number: 01058-0007

Received: 3/15/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/21/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/21/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Strawberry 7 Fed Com 5H
Workorder: E303049
Date Received: 3/15/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/15/2023 7:00:00AM, under the Project Name: Strawberry 7 Fed Com 5H.

The analytical test results summarized in this report with the Project Name: Strawberry 7 Fed Com 5H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/21/23 14:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S7 - 4'	E303049-01A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S8 - 1'	E303049-02A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S8 - 2'	E303049-03A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S8 - 4'	E303049-04A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S9 - 1'	E303049-05A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S9 - 2'	E303049-06A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S9 - 4'	E303049-07A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S10 - 1'	E303049-08A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S10 - 2'	E303049-09A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S10 - 4'	E303049-10A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S11 - 1'	E303049-11A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S11 - 2'	E303049-12A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S11 - 4'	E303049-13A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S12 - 1'	E303049-14A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S12 - 2'	E303049-15A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
S12 - 4'	E303049-16A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
SW1	E303049-17A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
SW2	E303049-18A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
SW3	E303049-19A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
SW4	E303049-20A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
SW5	E303049-21A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
SW6	E303049-22A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
SW7	E303049-23A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
SW8	E303049-24A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
SW9	E303049-25A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.
SW10	E303049-26A	Soil	03/13/23	03/15/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S7 - 4'

E303049-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	99.4 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	99.4 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2311025
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/23	03/16/23	
Surrogate: n-Nonane	105 %	50-200		03/14/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	ND	20.0	1	03/15/23	03/15/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S8 - 1'

E303049-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene		102 %	70-130	03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/15/23	03/16/23	
Surrogate: Toluene-d8		97.4 %	70-130	03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene		102 %	70-130	03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/15/23	03/16/23	
Surrogate: Toluene-d8		97.4 %	70-130	03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2311025
Diesel Range Organics (C10-C28)	1310	250	10	03/14/23	03/16/23	
Oil Range Organics (C28-C36)	1320	500	10	03/14/23	03/16/23	
Surrogate: n-Nonane		97.9 %	50-200	03/14/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	860	20.0	1	03/15/23	03/15/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S8 - 2'

E303049-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	100 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	100 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2311025
Diesel Range Organics (C10-C28)	255	25.0	1	03/14/23	03/16/23	
Oil Range Organics (C28-C36)	244	50.0	1	03/14/23	03/16/23	
Surrogate: n-Nonane	101 %	50-200		03/14/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	301	20.0	1	03/15/23	03/15/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S8 - 4'

E303049-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene		101 %	70-130	03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	03/15/23	03/16/23	
Surrogate: Toluene-d8		97.5 %	70-130	03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene		101 %	70-130	03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	03/15/23	03/16/23	
Surrogate: Toluene-d8		97.5 %	70-130	03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2311025
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/23	03/16/23	
Surrogate: n-Nonane		113 %	50-200	03/14/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	20.1	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S9 - 1'

E303049-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/16/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/16/23	
Toluene	ND	0.0250	1	03/15/23	03/16/23	
o-Xylene	ND	0.0250	1	03/15/23	03/16/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/16/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	95.2 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	99.0 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/16/23	
Surrogate: Bromofluorobenzene	95.2 %	70-130		03/15/23	03/16/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/15/23	03/16/23	
Surrogate: Toluene-d8	99.0 %	70-130		03/15/23	03/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2311025
Diesel Range Organics (C10-C28)	10200	500	20	03/14/23	03/16/23	
Oil Range Organics (C28-C36)	6770	1000	20	03/14/23	03/16/23	
Surrogate: n-Nonane	118 %	50-200		03/14/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	340	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S9 - 2'

E303049-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		102 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		99.2 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		102 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		99.2 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2311025
Diesel Range Organics (C10-C28)	991	250	10	03/14/23	03/16/23	
Oil Range Organics (C28-C36)	1300	500	10	03/14/23	03/16/23	
Surrogate: n-Nonane		99.6 %	50-200	03/14/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	670	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S9 - 4'

E303049-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	99.0 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	99.3 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	99.0 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	99.3 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	100 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	ND	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S10 - 1'

E303049-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		101 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		98.6 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		101 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		98.6 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	12800	1250	50	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	7900	2500	50	03/15/23	03/17/23	
Surrogate: n-Nonane		112 %	50-200	03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	350	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S10 - 2'

E303049-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/21/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/21/23	
Toluene	ND	0.0250	1	03/15/23	03/21/23	
o-Xylene	ND	0.0250	1	03/15/23	03/21/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/21/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/21/23	
Surrogate: Bromofluorobenzene		101 %	70-130	03/15/23	03/21/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/15/23	03/21/23	
Surrogate: Toluene-d8		98.9 %	70-130	03/15/23	03/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/21/23	
Surrogate: Bromofluorobenzene		101 %	70-130	03/15/23	03/21/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/15/23	03/21/23	
Surrogate: Toluene-d8		98.9 %	70-130	03/15/23	03/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	872	500	20	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	1040	1000	20	03/15/23	03/17/23	
Surrogate: n-Nonane		111 %	50-200	03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	599	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S10 - 4'

E303049-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		102 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		98.4 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		102 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		98.4 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane		108 %	50-200	03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	ND	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S11 - 1'

E303049-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	98.2 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	98.2 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	4430	500	20	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	3250	1000	20	03/15/23	03/17/23	
Surrogate: n-Nonane	114 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	192	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S11 - 2'

E303049-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	97.0 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	97.0 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	1440	500	20	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	2010	1000	20	03/15/23	03/17/23	
Surrogate: n-Nonane	114 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	603	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S11 - 4'

E303049-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	98.0 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	98.0 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	107 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	ND	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S12 - I'

E303049-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		100 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		100 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	9120	1250	50	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	6090	2500	50	03/15/23	03/17/23	
Surrogate: n-Nonane		113 %	50-200	03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	271	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S12 - 2'

E303049-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/21/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/21/23	
Toluene	ND	0.0250	1	03/15/23	03/21/23	
o-Xylene	ND	0.0250	1	03/15/23	03/21/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/21/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/21/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/15/23	03/21/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/15/23	03/21/23	
Surrogate: Toluene-d8	100 %	70-130		03/15/23	03/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/21/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/15/23	03/21/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/15/23	03/21/23	
Surrogate: Toluene-d8	100 %	70-130		03/15/23	03/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	1020	500	20	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	1410	1000	20	03/15/23	03/17/23	
Surrogate: n-Nonane	110 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	650	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

S12 - 4'

E303049-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		101 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		101 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane		109 %	50-200	03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	ND	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

SW1

E303049-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	98.8 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	98.8 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	107 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	29.7	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

SW2

E303049-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	100 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	100 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	104 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	ND	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

SW3

E303049-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		101 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		101 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene		101 %	70-130	03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	03/15/23	03/17/23	
Surrogate: Toluene-d8		101 %	70-130	03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane		105 %	50-200	03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	ND	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

SW4

E303049-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Benzene	ND	0.0250	1	03/15/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/15/23	03/17/23	
Toluene	ND	0.0250	1	03/15/23	03/17/23	
o-Xylene	ND	0.0250	1	03/15/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/15/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	97.6 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/23	03/17/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		03/15/23	03/17/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/15/23	03/17/23	
Surrogate: Toluene-d8	97.6 %	70-130		03/15/23	03/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	103 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311032
Chloride	ND	20.0	1	03/15/23	03/16/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

SW5

E303049-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Benzene	ND	0.0250	1	03/14/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/14/23	03/15/23	
Toluene	ND	0.0250	1	03/14/23	03/15/23	
o-Xylene	ND	0.0250	1	03/14/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/14/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/14/23	03/15/23	
Surrogate: Toluene-d8	99.2 %	70-130		03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/14/23	03/15/23	
Surrogate: Toluene-d8	99.2 %	70-130		03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	107 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311033
Chloride	32.0	20.0	1	03/15/23	03/15/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

SW6

E303049-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Benzene	ND	0.0250	1	03/14/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/14/23	03/15/23	
Toluene	ND	0.0250	1	03/14/23	03/15/23	
o-Xylene	ND	0.0250	1	03/14/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/14/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene	99.7 %	70-130		03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/14/23	03/15/23	
Surrogate: Toluene-d8	99.6 %	70-130		03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene	99.7 %	70-130		03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/14/23	03/15/23	
Surrogate: Toluene-d8	99.6 %	70-130		03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/16/23	
Surrogate: n-Nonane	102 %	50-200		03/15/23	03/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311033
Chloride	33.0	20.0	1	03/15/23	03/15/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

SW7

E303049-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Benzene	ND	0.0250	1	03/14/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/14/23	03/15/23	
Toluene	ND	0.0250	1	03/14/23	03/15/23	
o-Xylene	ND	0.0250	1	03/14/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/14/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene	99.2 %	70-130		03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/14/23	03/15/23	
Surrogate: Toluene-d8	101 %	70-130		03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene	99.2 %	70-130		03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		03/14/23	03/15/23	
Surrogate: Toluene-d8	101 %	70-130		03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/17/23	
Surrogate: n-Nonane	103 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311033
Chloride	33.8	20.0	1	03/15/23	03/15/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

SW8

E303049-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Benzene	ND	0.0250	1	03/14/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/14/23	03/15/23	
Toluene	ND	0.0250	1	03/14/23	03/15/23	
o-Xylene	ND	0.0250	1	03/14/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/14/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene	96.8 %	70-130		03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/14/23	03/15/23	
Surrogate: Toluene-d8	100 %	70-130		03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene	96.8 %	70-130		03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/14/23	03/15/23	
Surrogate: Toluene-d8	100 %	70-130		03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/17/23	
Surrogate: n-Nonane	96.7 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311033
Chloride	ND	20.0	1	03/15/23	03/15/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

SW9

E303049-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Benzene	ND	0.0250	1	03/14/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/14/23	03/15/23	
Toluene	ND	0.0250	1	03/14/23	03/15/23	
o-Xylene	ND	0.0250	1	03/14/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/14/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene		100 %	70-130	03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	03/14/23	03/15/23	
Surrogate: Toluene-d8		100 %	70-130	03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene		100 %	70-130	03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	03/14/23	03/15/23	
Surrogate: Toluene-d8		100 %	70-130	03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/17/23	
Surrogate: n-Nonane		104 %	50-200	03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311033
Chloride	33.9	20.0	1	03/15/23	03/15/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/21/2023 2:13:56PM

SW10

E303049-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Benzene	ND	0.0250	1	03/14/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/14/23	03/15/23	
Toluene	ND	0.0250	1	03/14/23	03/15/23	
o-Xylene	ND	0.0250	1	03/14/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/14/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/14/23	03/15/23	
Surrogate: Toluene-d8	99.1 %	70-130		03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2311020
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/23	03/15/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		03/14/23	03/15/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/14/23	03/15/23	
Surrogate: Toluene-d8	99.1 %	70-130		03/14/23	03/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2311040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/23	03/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/23	03/17/23	
Surrogate: n-Nonane	106 %	50-200		03/15/23	03/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2311033
Chloride	30.1	20.0	1	03/15/23	03/15/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/21/2023 2:13:56PM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2311020-BLK1)

Prepared: 03/14/23 Analyzed: 03/15/23

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	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			

LCS (2311020-BS1)

Prepared: 03/14/23 Analyzed: 03/15/23

Benzene	2.28	0.0250	2.50		91.1	70-130			
Ethylbenzene	2.33	0.0250	2.50		93.1	70-130			
Toluene	2.27	0.0250	2.50		90.9	70-130			
o-Xylene	2.35	0.0250	2.50		93.9	70-130			
p,m-Xylene	4.59	0.0500	5.00		91.8	70-130			
Total Xylenes	6.94	0.0250	7.50		92.5	70-130			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.557		0.500		111	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			

Matrix Spike (2311020-MS1)

Source: E303044-22

Prepared: 03/14/23 Analyzed: 03/15/23

Benzene	2.24	0.0250	2.50	ND	89.8	48-131			
Ethylbenzene	2.35	0.0250	2.50	ND	93.8	45-135			
Toluene	2.29	0.0250	2.50	ND	91.5	48-130			
o-Xylene	2.33	0.0250	2.50	ND	93.0	43-135			
p,m-Xylene	4.59	0.0500	5.00	ND	91.8	43-135			
Total Xylenes	6.92	0.0250	7.50	ND	92.2	43-135			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.526		0.500		105	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			

Matrix Spike Dup (2311020-MSD1)

Source: E303044-22

Prepared: 03/14/23 Analyzed: 03/15/23

Benzene	2.12	0.0250	2.50	ND	84.8	48-131	5.71	23	
Ethylbenzene	2.21	0.0250	2.50	ND	88.3	45-135	6.02	27	
Toluene	2.14	0.0250	2.50	ND	85.7	48-130	6.50	24	
o-Xylene	2.31	0.0250	2.50	ND	92.4	43-135	0.647	27	
p,m-Xylene	4.49	0.0500	5.00	ND	89.9	43-135	2.12	27	
Total Xylenes	6.80	0.0250	7.50	ND	90.7	43-135	1.63	27	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.523		0.500		105	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/21/2023 2:13:56PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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 (2311036-BLK1)

Prepared: 03/15/23 Analyzed: 03/15/23

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	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.534		0.500		107	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2311036-BS1)

Prepared: 03/15/23 Analyzed: 03/15/23

Benzene	2.38	0.0250	2.50		95.1	70-130			
Ethylbenzene	2.35	0.0250	2.50		94.1	70-130			
Toluene	2.32	0.0250	2.50		92.7	70-130			
o-Xylene	2.39	0.0250	2.50		95.4	70-130			
p,m-Xylene	4.63	0.0500	5.00		92.5	70-130			
Total Xylenes	7.01	0.0250	7.50		93.5	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.534		0.500		107	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

Matrix Spike (2311036-MS1)

Source: E303049-05

Prepared: 03/15/23 Analyzed: 03/16/23

Benzene	2.49	0.0250	2.50	ND	99.6	48-131			
Ethylbenzene	2.46	0.0250	2.50	ND	98.3	45-135			
Toluene	2.41	0.0250	2.50	ND	96.2	48-130			
o-Xylene	2.57	0.0250	2.50	ND	103	43-135			
p,m-Xylene	5.02	0.0500	5.00	ND	100	43-135			
Total Xylenes	7.59	0.0250	7.50	ND	101	43-135			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.527		0.500		105	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

Matrix Spike Dup (2311036-MSD1)

Source: E303049-05

Prepared: 03/15/23 Analyzed: 03/16/23

Benzene	2.54	0.0250	2.50	ND	102	48-131	1.89	23	
Ethylbenzene	2.56	0.0250	2.50	ND	102	45-135	4.05	27	
Toluene	2.51	0.0250	2.50	ND	100	48-130	4.07	24	
o-Xylene	2.64	0.0250	2.50	ND	106	43-135	2.95	27	
p,m-Xylene	5.20	0.0500	5.00	ND	104	43-135	3.51	27	
Total Xylenes	7.85	0.0250	7.50	ND	105	43-135	3.32	27	
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.540		0.500		108	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/21/2023 2:13:56PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2311020-BLK1)

Prepared: 03/14/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			

LCS (2311020-BS2)

Prepared: 03/14/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.9	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.523		0.500		105	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

Matrix Spike (2311020-MS2)

Source: E303044-22

Prepared: 03/14/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.6	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.535		0.500		107	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike Dup (2311020-MSD2)

Source: E303044-22

Prepared: 03/14/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0	ND	91.1	70-130	5.02	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.523		0.500		105	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/21/2023 2:13:56PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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 (2311036-BLK1)

Prepared: 03/15/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.534		0.500		107	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2311036-BS2)

Prepared: 03/15/23 Analyzed: 03/16/23

Gasoline Range Organics (C6-C10)	45.2	20.0	50.0		90.5	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.536		0.500		107	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike (2311036-MS2)

Source: E303049-05

Prepared: 03/15/23 Analyzed: 03/16/23

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

Matrix Spike Dup (2311036-MSD2)

Source: E303049-05

Prepared: 03/15/23 Analyzed: 03/17/23

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0	ND	103	70-130	4.32	20	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/21/2023 2:13:56PM

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 (2311025-BLK1)					Prepared: 03/14/23 Analyzed: 03/16/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.9		50.0		91.8	50-200			

LCS (2311025-BS1)					Prepared: 03/14/23 Analyzed: 03/16/23				
Diesel Range Organics (C10-C28)	242	25.0	250		96.7	38-132			
Surrogate: n-Nonane	44.1		50.0		88.2	50-200			

Matrix Spike (2311025-MS1)					Source: E303046-04		Prepared: 03/14/23 Analyzed: 03/16/23		
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	45.5		50.0		91.0	50-200			

Matrix Spike Dup (2311025-MSD1)					Source: E303046-04		Prepared: 03/14/23 Analyzed: 03/16/23		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	38-132	3.34	20	
Surrogate: n-Nonane	41.4		50.0		82.9	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/21/2023 2:13:56PM

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 (2311040-BLK1)

Prepared: 03/15/23 Analyzed: 03/16/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.4		50.0		109	50-200			

LCS (2311040-BS1)

Prepared: 03/15/23 Analyzed: 03/16/23

Diesel Range Organics (C10-C28)	266	25.0	250		107	38-132			
Surrogate: n-Nonane	47.9		50.0		95.7	50-200			

Matrix Spike (2311040-MS1)

Source: E303049-20

Prepared: 03/15/23 Analyzed: 03/16/23

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	49.4		50.0		98.7	50-200			

Matrix Spike Dup (2311040-MSD1)

Source: E303049-20

Prepared: 03/15/23 Analyzed: 03/16/23

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132	5.48	20	
Surrogate: n-Nonane	49.1		50.0		98.1	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/21/2023 2:13:56PM

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 (2311032-BLK1)					Prepared: 03/15/23 Analyzed: 03/15/23				
Chloride	ND	20.0							
LCS (2311032-BS1)					Prepared: 03/15/23 Analyzed: 03/15/23				
Chloride	263	20.0	250		105	90-110			
Matrix Spike (2311032-MS1)					Source: E303049-01		Prepared: 03/15/23 Analyzed: 03/15/23		
Chloride	295	20.0	250	ND	118	80-120			
Matrix Spike Dup (2311032-MSD1)					Source: E303049-01		Prepared: 03/15/23 Analyzed: 03/15/23		
Chloride	290	20.0	250	ND	116	80-120	1.78	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/21/2023 2:13:56PM

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 (2311033-BLK1)					Prepared: 03/15/23 Analyzed: 03/15/23				
Chloride	ND	20.0							
LCS (2311033-BS1)					Prepared: 03/15/23 Analyzed: 03/15/23				
Chloride	266	20.0	250		106	90-110			
Matrix Spike (2311033-MS1)					Source: E303049-21		Prepared: 03/15/23 Analyzed: 03/15/23		
Chloride	298	20.0	250	32.0	106	80-120			
Matrix Spike Dup (2311033-MSD1)					Source: E303049-21		Prepared: 03/15/23 Analyzed: 03/15/23		
Chloride	299	20.0	250	32.0	107	80-120	0.257	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 Com 5H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/21/23 14:13

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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

Project Information

Chain of Custody

Page 3 of 5

Client: Pima Environmental Services
 Project: Strawberry 7 Fed 5H
 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:

Attention: Devon
 Address:
 City, State, Zip:
 Phone:
 Email:
 Pima Project # 1-263

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E 303049</u>	<u>01058-0007</u>				<u>X</u>		
Analysis and Method							
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX
						<u>X</u>	
State							
NM	CO	UT	AZ	TX			
<u>Y</u>							
Remarks							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
9:40	3/13/23	S	1	S7-4'	1
9:45				S8-1'	2
9:50				S8-2'	3
9:55				S8-4'	4
10:00				S9-1'	5
10:05				S9-2'	6
10:10				S9-4'	7
10:15				S10-1'	8
10:20				S10-2'	9
10:25				S10-4'	10

Additional Instructions:

Billing #: 21136152

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: Andriana Benavidez

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

Relinquished by: (Signature) <u>AB</u>	Date <u>3-14-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Cuyts</u>	Date <u>3-14-23</u>	Time <u>1400</u>
Relinquished by: (Signature) <u>Michelle Cuyts</u>	Date <u>3-14-23</u>	Time <u>1700</u>	Received by: (Signature) <u>Devon</u>	Date <u>3-14-23</u>	Time <u>1759</u>
Relinquished by: (Signature) <u>Keyliah R. Hall</u>	Date <u>3-14-23</u>	Time <u>2430</u>	Received by: (Signature) <u>Keyliah R. Hall</u>	Date <u>3-15-23</u>	Time <u>0700</u>

Lab Use Only		
Received on ice:	<u>Y</u> / N	
T1	T2	T3
AVG Temp °C <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 4 of 5

Client: Pima Environmental Services Project: Strawberry Fed SH 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 # 1-263					Lab Use Only Lab WO# E303049 Job Number 0058-0007 Analysis and Method					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
															State NM CO UT AZ TX X					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
10:30	3/13/23	S	1	S11-1'	11							X								
10:35				S11-2'	12															
10:40				S11-4'	13															
10:45				S12-1'	14															
10:50				S12-2'	15															
10:55				S12-4'	16															
11:00				SW1	17															
11:05				SW2	18															
11:10				SW3	19															
11:15				SW4	20															
Additional Instructions: Billing #: 21136152																				
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) AB					Date 3-14-23		Time 2:00		Received by: (Signature) Michelle Cunjale					Date 3-14-23		Time 1400		Lab Use Only		
Relinquished by: (Signature) Michelle Cunjale					Date 3-14-23		Time 1700		Received by: (Signature) Michelle Cunjale					Date 3-14-23		Time 1759		Received on ice: Y / N		
Relinquished by: (Signature) Michelle Cunjale					Date 3-14-23		Time 2430		Received by: (Signature) Keely R Hall					Date 3-15-23		Time 0700		T1 T2 T3		
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.																				

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Project Information

Chain of Custody

Page 5 of 5

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Strawberry 7 Fed 5H</u>		Attention: <u>Devon</u>		Lab WO# <u>E303049</u>		Job Number <u>30KH</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method									
Address: 5614 N. Lovington Hwy.		City, State, Zip		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
City, State, Zip: Hobbs, NM, 88240		Phone:										Chloride 300.0	
Phone: 580-748-1613		Email:										BGDOC NM	
Email: tom@pimaoil.com		Pima Project # <u>1-263</u>										BGDOC TX	
Report due by:												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
	3/13/23	S	1	SW5	21							X		
				SW6	22									
				SW7	23									
				SW8	24									
				SW9	25									
				SW10	26									

Additional Instructions:

Billing #: 21136152

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

Sampled by: Audriana Benavidez

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

Relinquished by: (Signature) <u>AB</u>	Date <u>3-14-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Micelle Curiale</u>	Date <u>3-14-23</u>	Time <u>1400</u>	Lab Use Only
Relinquished by: (Signature) <u>Micelle Curiale</u>	Date <u>3-14-23</u>	Time <u>1700</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>3-14-23</u>	Time <u>1759</u>	Received on ice: <u>Y/N</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>3-14-23</u>	Time <u>2430</u>	Received by: (Signature) <u>Keylign R Hall</u>	Date <u>3-15-23</u>	Time <u>0700</u>	T1: T2: T3:
Sample Matrix: S - Soil, SL - 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.



Envirotech Analytical Laboratory

Printed: 3/15/2023 11:56:03AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	03/15/23 07:00	Work Order ID:	E303049
Phone:	(575) 631-6977	Date Logged In:	03/14/23 15:51	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	03/21/23 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.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Strawberry 7 Fed Com 5H

Work Order: E303100

Job Number: 01058-0007

Received: 3/25/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/31/23

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.
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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: 3/31/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Strawberry 7 Fed Com 5H
Workorder: E303100
Date Received: 3/25/2023 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/25/2023 8:00:00AM, under the Project Name: Strawberry 7 Fed Com 5H.

The analytical test results summarized in this report with the Project Name: Strawberry 7 Fed Com 5H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported: 03/31/23 10:30
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG4-1'	E303100-01A	Soil	03/23/23	03/25/23	Glass Jar, 2 oz.
BG4-2'	E303100-02A	Soil	03/23/23	03/25/23	Glass Jar, 2 oz.
BG4-3'	E303100-03A	Soil	03/23/23	03/25/23	Glass Jar, 2 oz.
BG4-4'	E303100-04A	Soil	03/23/23	03/25/23	Glass Jar, 2 oz.
BG5-1'	E303100-05A	Soil	03/23/23	03/25/23	Glass Jar, 2 oz.
BG5-2'	E303100-06A	Soil	03/23/23	03/25/23	Glass Jar, 2 oz.
BG5-3'	E303100-07A	Soil	03/23/23	03/25/23	Glass Jar, 2 oz.
BG5-4'	E303100-08A	Soil	03/23/23	03/25/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/31/2023 10:30:19AM

BG4-1'

E303100-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Benzene	ND	0.0250	1	03/27/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/27/23	03/30/23	
Toluene	ND	0.0250	1	03/27/23	03/30/23	
o-Xylene	ND	0.0250	1	03/27/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/27/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/27/23	03/30/23	
<i>Surrogate: Bromofluorobenzene</i>	88.1 %	70-130		03/27/23	03/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	91.2 %	70-130		03/27/23	03/30/23	
<i>Surrogate: Toluene-d8</i>	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/23	03/30/23	
<i>Surrogate: Bromofluorobenzene</i>	88.1 %	70-130		03/27/23	03/30/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	91.2 %	70-130		03/27/23	03/30/23	
<i>Surrogate: Toluene-d8</i>	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313009
Diesel Range Organics (C10-C28)	ND	25.0	1	03/27/23	03/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/23	03/28/23	
<i>Surrogate: n-Nonane</i>	101 %	50-200		03/27/23	03/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313012
Chloride	ND	20.0	1	03/27/23	03/27/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/31/2023 10:30:19AM

BG4-2'

E303100-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Benzene	ND	0.0250	1	03/27/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/27/23	03/30/23	
Toluene	ND	0.0250	1	03/27/23	03/30/23	
o-Xylene	ND	0.0250	1	03/27/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/27/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	89.5 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313009
Diesel Range Organics (C10-C28)	ND	25.0	1	03/27/23	03/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/23	03/28/23	
Surrogate: n-Nonane	104 %	50-200		03/27/23	03/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313012
Chloride	ND	20.0	1	03/27/23	03/27/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/31/2023 10:30:19AM

BG4-3'

E303100-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Benzene	ND	0.0250	1	03/27/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/27/23	03/30/23	
Toluene	ND	0.0250	1	03/27/23	03/30/23	
o-Xylene	ND	0.0250	1	03/27/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/27/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	89.1 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	92.2 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	89.1 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	92.2 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313009
Diesel Range Organics (C10-C28)	ND	25.0	1	03/27/23	03/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/23	03/28/23	
Surrogate: n-Nonane	106 %	50-200		03/27/23	03/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313012
Chloride	ND	20.0	1	03/27/23	03/27/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/31/2023 10:30:19AM

BG4-4'

E303100-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Benzene	ND	0.0250	1	03/27/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/27/23	03/30/23	
Toluene	ND	0.0250	1	03/27/23	03/30/23	
o-Xylene	ND	0.0250	1	03/27/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/27/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	86.4 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	86.4 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313009
Diesel Range Organics (C10-C28)	ND	25.0	1	03/27/23	03/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/23	03/28/23	
Surrogate: n-Nonane	104 %	50-200		03/27/23	03/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313012
Chloride	ND	20.0	1	03/27/23	03/27/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/31/2023 10:30:19AM

BG5-1'

E303100-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Benzene	ND	0.0250	1	03/27/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/27/23	03/30/23	
Toluene	ND	0.0250	1	03/27/23	03/30/23	
o-Xylene	ND	0.0250	1	03/27/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/27/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	89.4 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	92.9 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	89.4 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	92.9 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313009
Diesel Range Organics (C10-C28)	ND	25.0	1	03/27/23	03/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/23	03/28/23	
Surrogate: n-Nonane	99.8 %	50-200		03/27/23	03/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313012
Chloride	ND	20.0	1	03/27/23	03/27/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/31/2023 10:30:19AM

BG5-2'

E303100-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Benzene	ND	0.0250	1	03/27/23	03/29/23	
Ethylbenzene	ND	0.0250	1	03/27/23	03/29/23	
Toluene	ND	0.0250	1	03/27/23	03/29/23	
o-Xylene	ND	0.0250	1	03/27/23	03/29/23	
p,m-Xylene	ND	0.0500	1	03/27/23	03/29/23	
Total Xylenes	ND	0.0250	1	03/27/23	03/29/23	
Surrogate: Bromofluorobenzene	88.8 %	70-130		03/27/23	03/29/23	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		03/27/23	03/29/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/23	03/29/23	
Surrogate: Bromofluorobenzene	88.8 %	70-130		03/27/23	03/29/23	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		03/27/23	03/29/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313009
Diesel Range Organics (C10-C28)	ND	25.0	1	03/27/23	03/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/23	03/28/23	
Surrogate: n-Nonane	104 %	50-200		03/27/23	03/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313012
Chloride	ND	20.0	1	03/27/23	03/27/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/31/2023 10:30:19AM

BG5-3'

E303100-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Benzene	ND	0.0250	1	03/27/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/27/23	03/30/23	
Toluene	ND	0.0250	1	03/27/23	03/30/23	
o-Xylene	ND	0.0250	1	03/27/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/27/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	87.6 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	93.1 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	87.6 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	93.1 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313009
Diesel Range Organics (C10-C28)	ND	25.0	1	03/27/23	03/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/23	03/28/23	
Surrogate: n-Nonane	105 %	50-200		03/27/23	03/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313012
Chloride	ND	20.0	1	03/27/23	03/27/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
3/31/2023 10:30:19AM

BG5-4'

E303100-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Benzene	ND	0.0250	1	03/27/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/27/23	03/30/23	
Toluene	ND	0.0250	1	03/27/23	03/30/23	
o-Xylene	ND	0.0250	1	03/27/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/27/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	89.3 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/23	03/30/23	
Surrogate: Bromofluorobenzene	89.3 %	70-130		03/27/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		03/27/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/27/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313009
Diesel Range Organics (C10-C28)	ND	25.0	1	03/27/23	03/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/23	03/28/23	
Surrogate: n-Nonane	101 %	50-200		03/27/23	03/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313012
Chloride	ND	20.0	1	03/27/23	03/27/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/31/2023 10:30:19AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2313011-BLK1)

Prepared: 03/27/23 Analyzed: 03/29/23

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	0.450		0.500		90.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

LCS (2313011-BS1)

Prepared: 03/27/23 Analyzed: 03/29/23

Benzene	2.59	0.0250	2.50		104	70-130			
Ethylbenzene	2.54	0.0250	2.50		102	70-130			
Toluene	2.61	0.0250	2.50		104	70-130			
o-Xylene	2.71	0.0250	2.50		108	70-130			
p,m-Xylene	5.17	0.0500	5.00		103	70-130			
Total Xylenes	7.87	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

Matrix Spike (2313011-MS1)

Source: E303100-06

Prepared: 03/27/23 Analyzed: 03/29/23

Benzene	2.48	0.0250	2.50	ND	99.3	48-131			
Ethylbenzene	2.45	0.0250	2.50	ND	98.0	45-135			
Toluene	2.52	0.0250	2.50	ND	101	48-130			
o-Xylene	2.62	0.0250	2.50	ND	105	43-135			
p,m-Xylene	5.03	0.0500	5.00	ND	101	43-135			
Total Xylenes	7.65	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike Dup (2313011-MSD1)

Source: E303100-06

Prepared: 03/27/23 Analyzed: 03/29/23

Benzene	2.32	0.0250	2.50	ND	92.6	48-131	6.96	23	
Ethylbenzene	2.32	0.0250	2.50	ND	92.9	45-135	5.28	27	
Toluene	2.39	0.0250	2.50	ND	95.5	48-130	5.46	24	
o-Xylene	2.47	0.0250	2.50	ND	98.8	43-135	5.90	27	
p,m-Xylene	4.77	0.0500	5.00	ND	95.3	43-135	5.44	27	
Total Xylenes	7.24	0.0250	7.50	ND	96.5	43-135	5.59	27	
Surrogate: Bromofluorobenzene	0.469		0.500		93.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/31/2023 10:30:19AM

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 (2313011-BLK1)

Prepared: 03/27/23 Analyzed: 03/29/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.450		0.500		90.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

LCS (2313011-BS2)

Prepared: 03/27/23 Analyzed: 03/29/23

Gasoline Range Organics (C6-C10)	45.1	20.0	50.0		90.1	70-130			
Surrogate: Bromofluorobenzene	0.447		0.500		89.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike (2313011-MS2)

Source: E303100-06

Prepared: 03/27/23 Analyzed: 03/29/23

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.5	70-130			
Surrogate: Bromofluorobenzene	0.455		0.500		91.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.458		0.500		91.6	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike Dup (2313011-MSD2)

Source: E303100-06

Prepared: 03/27/23 Analyzed: 03/29/23

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.8	70-130	3.96	20	
Surrogate: Bromofluorobenzene	0.457		0.500		91.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.3	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/31/2023 10:30:19AM

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 (2313009-BLK1)

Prepared: 03/27/23 Analyzed: 03/28/23

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

LCS (2313009-BS1)

Prepared: 03/27/23 Analyzed: 03/28/23

Diesel Range Organics (C10-C28)	222	25.0	250		88.8	38-132			
Surrogate: n-Nonane	47.8		50.0		95.5	50-200			

Matrix Spike (2313009-MS1)

Source: E303100-08

Prepared: 03/27/23 Analyzed: 03/28/23

Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.3	38-132			
Surrogate: n-Nonane	44.9		50.0		89.7	50-200			

Matrix Spike Dup (2313009-MSD1)

Source: E303100-08

Prepared: 03/27/23 Analyzed: 03/28/23

Diesel Range Organics (C10-C28)	227	25.0	250	ND	90.8	38-132	5.86	20	
Surrogate: n-Nonane	44.5		50.0		89.1	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/31/2023 10:30:19AM

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 (2313012-BLK1)					Prepared: 03/27/23 Analyzed: 03/27/23				
Chloride	ND	20.0							
LCS (2313012-BS1)					Prepared: 03/27/23 Analyzed: 03/27/23				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2313012-MS1)					Source: E303090-01		Prepared: 03/27/23 Analyzed: 03/27/23		
Chloride	266	20.0	250	ND	106	80-120			
Matrix Spike Dup (2313012-MSD1)					Source: E303090-01		Prepared: 03/27/23 Analyzed: 03/27/23		
Chloride	261	20.0	250	ND	105	80-120	1.61	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 Com 5H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/31/23 10:30

- 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 1

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: Strawberry 2 Fed Com 5H		Attention: Devoni		Lab WO# E303100		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method									
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 # 1-263											
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	BDOC NM	BDOC TX	Remarks
10:00	3/23/23	S	1	BG4-1'	1									
10:05				BG4-2'	2									
10:10				BG4-3'	3									
10:15				BG4-4'	4									
10:20				BG5-1'	5									
10:25				BG5-2'	6									
10:30				BG5-3'	7									
10:35				BG5-4'	8									

Additional Instructions: Billing #: 21136152

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

Sampled by: Audriana Benavides

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)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
	3-24-23	2:00	Michelle Campala	3-24-23	1700	Received on ice: Y/N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1
Michelle Campala	3-24-23	1720	Rorenzo Lei	3-24-23	1730	T2
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T3
Rorenzo Lei	3-24-23	2336	Ally	3-25-23	8:00	AVG Temp °C 4

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: 3/25/2023 10:10:19AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	03/25/23 08:00	Work Order ID:	E303100
Phone:	(575) 631-6977	Date Logged In:	03/24/23 17:18	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	03/31/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? No
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: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Strawberry 7 Fed Com 5H

Work Order: E305096

Job Number: 01058-0007

Received: 5/17/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/18/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/18/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Strawberry 7 Fed Com 5H
Workorder: E305096
Date Received: 5/17/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/17/2023 7:00:00AM, under the Project Name: Strawberry 7 Fed Com 5H.

The analytical test results summarized in this report with the Project Name: Strawberry 7 Fed Com 5H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/18/23 15:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E305096-01A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS2	E305096-02A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS3	E305096-03A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS4	E305096-04A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS5	E305096-05A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS6	E305096-06A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS7	E305096-07A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS8	E305096-08A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS9	E305096-09A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS10	E305096-10A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS11	E305096-11A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS12	E305096-12A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS13	E305096-13A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS14	E305096-14A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS15	E305096-15A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CS16	E305096-16A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW1	E305096-17A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW2	E305096-18A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW3	E305096-19A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW4	E305096-20A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW5	E305096-21A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW6	E305096-22A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW7	E305096-23A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW8	E305096-24A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW9	E305096-25A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW10	E305096-26A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW11	E305096-27A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.
CSW12	E305096-28A	Soil	05/11/23	05/17/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS1

E305096-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2320044	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
	89.7 %	50-200		05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2320048	
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS2

E305096-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
	88.1 %	50-200		05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS3

E305096-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS4

E305096-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.6 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS5

E305096-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.2 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2320044	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
		90.4 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2320048	
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS6

E305096-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.3 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
		93.2 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS7

E305096-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS8

E305096-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.8 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS9

E305096-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
	90.6 %	50-200		05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS10

E305096-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2320044	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
	86.1 %	50-200		05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2320048	
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS11

E305096-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2320044	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
	89.7 %	50-200		05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2320048	
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS12

E305096-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
	91.1 %	50-200		05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS13

E305096-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
	87.5 %	50-200		05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS14

E305096-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
	91.0 %	50-200		05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS15

E305096-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.9 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
		90.7 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CS16

E305096-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.2 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
		93.4 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW1

E305096-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.7 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2320044	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
		96.3 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2320048	
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW2

E305096-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.9 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
		94.8 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW3

E305096-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.1 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2320044	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
		96.8 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2320048	
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW4

E305096-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320046
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.3 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
<i>Surrogate: n-Nonane</i>						
		95.2 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320048
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW5

E305096-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		108 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		106 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		108 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		106 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
Surrogate: n-Nonane		101 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320049
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW6

E305096-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		108 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		108 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
Surrogate: n-Nonane		99.7 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320049
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW7

E305096-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		109 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		109 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
Surrogate: n-Nonane		119 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320049
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW8

E305096-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		107 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		107 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
Surrogate: n-Nonane		107 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320049
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW9

E305096-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		107 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		107 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
Surrogate: n-Nonane		111 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320049
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW10

E305096-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		107 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		107 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
Surrogate: n-Nonane		109 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320049
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW11

E305096-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		107 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		107 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
Surrogate: n-Nonane		109 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320049
Chloride	ND	20.0	1	05/17/23	05/17/23	



Sample Data

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

Project Name: Strawberry 7 Fed Com 5H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/18/2023 3:54:01PM

CSW12

E305096-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Benzene	ND	0.0250	1	05/17/23	05/17/23	
Ethylbenzene	ND	0.0250	1	05/17/23	05/17/23	
Toluene	ND	0.0250	1	05/17/23	05/17/23	
o-Xylene	ND	0.0250	1	05/17/23	05/17/23	
p,m-Xylene	ND	0.0500	1	05/17/23	05/17/23	
Total Xylenes	ND	0.0250	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		108 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		107 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320047
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/23	05/17/23	
Surrogate: Bromofluorobenzene		108 %	70-130	05/17/23	05/17/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	05/17/23	05/17/23	
Surrogate: Toluene-d8		107 %	70-130	05/17/23	05/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2320045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/17/23	05/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/17/23	05/17/23	
Surrogate: n-Nonane		110 %	50-200	05/17/23	05/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320049
Chloride	ND	20.0	1	05/17/23	05/17/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/18/2023 3:54:01PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2320047-BLK1)

Prepared: 05/17/23 Analyzed: 05/17/23

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: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			

LCS (2320047-BS1)

Prepared: 05/17/23 Analyzed: 05/17/23

Benzene	2.33	0.0250	2.50		93.2	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.0	70-130			
Toluene	2.48	0.0250	2.50		99.4	70-130			
o-Xylene	2.70	0.0250	2.50		108	70-130			
p,m-Xylene	5.35	0.0500	5.00		107	70-130			
Total Xylenes	8.05	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			

Matrix Spike (2320047-MS1)

Source: E305096-24

Prepared: 05/17/23 Analyzed: 05/17/23

Benzene	2.41	0.0250	2.50	ND	96.4	48-131			
Ethylbenzene	2.57	0.0250	2.50	ND	103	45-135			
Toluene	2.57	0.0250	2.50	ND	103	48-130			
o-Xylene	2.77	0.0250	2.50	ND	111	43-135			
p,m-Xylene	5.50	0.0500	5.00	ND	110	43-135			
Total Xylenes	8.27	0.0250	7.50	ND	110	43-135			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			

Matrix Spike Dup (2320047-MSD1)

Source: E305096-24

Prepared: 05/17/23 Analyzed: 05/17/23

Benzene	2.48	0.0250	2.50	ND	99.3	48-131	2.94	23	
Ethylbenzene	2.62	0.0250	2.50	ND	105	45-135	1.98	27	
Toluene	2.64	0.0250	2.50	ND	106	48-130	2.82	24	
o-Xylene	2.88	0.0250	2.50	ND	115	43-135	3.91	27	
p,m-Xylene	5.73	0.0500	5.00	ND	115	43-135	4.05	27	
Total Xylenes	8.61	0.0250	7.50	ND	115	43-135	4.00	27	
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/18/2023 3:54:01PM

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 (2320046-BLK1)

Prepared: 05/17/23 Analyzed: 05/17/23

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	8.17		8.00		102	70-130			

LCS (2320046-BS1)

Prepared: 05/17/23 Analyzed: 05/17/23

Benzene	4.35	0.0250	5.00		87.0	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.3	70-130			
Toluene	4.75	0.0250	5.00		94.9	70-130			
o-Xylene	4.88	0.0250	5.00		97.6	70-130			
p,m-Xylene	9.56	0.0500	10.0		95.6	70-130			
Total Xylenes	14.4	0.0250	15.0		96.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			

Matrix Spike (2320046-MS1)

Source: E305096-06

Prepared: 05/17/23 Analyzed: 05/17/23

Benzene	4.27	0.0250	5.00	ND	85.4	54-133			
Ethylbenzene	4.54	0.0250	5.00	ND	90.8	61-133			
Toluene	4.66	0.0250	5.00	ND	93.2	61-130			
o-Xylene	4.80	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	63-131			
Total Xylenes	14.2	0.0250	15.0	ND	94.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.24		8.00		103	70-130			

Matrix Spike Dup (2320046-MSD1)

Source: E305096-06

Prepared: 05/17/23 Analyzed: 05/17/23

Benzene	4.21	0.0250	5.00	ND	84.1	54-133	1.44	20	
Ethylbenzene	4.48	0.0250	5.00	ND	89.6	61-133	1.30	20	
Toluene	4.60	0.0250	5.00	ND	91.9	61-130	1.36	20	
o-Xylene	4.74	0.0250	5.00	ND	94.7	63-131	1.27	20	
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	63-131	1.31	20	
Total Xylenes	14.0	0.0250	15.0	ND	93.4	63-131	1.30	20	
Surrogate: 4-Bromochlorobenzene-PID	8.24		8.00		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/18/2023 3:54:01PM

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 (2320046-BLK1)

Prepared: 05/17/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			

LCS (2320046-BS2)

Prepared: 05/17/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

Matrix Spike (2320046-MS2)

Source: E305096-06

Prepared: 05/17/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	55.7	20.0	50.0	ND	111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

Matrix Spike Dup (2320046-MSD2)

Source: E305096-06

Prepared: 05/17/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130	13.9	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/18/2023 3:54:01PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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 (2320047-BLK1)

Prepared: 05/17/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			

LCS (2320047-BS2)

Prepared: 05/17/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	59.8	20.0	50.0		120	70-130			
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.547		0.500		109	70-130			

Matrix Spike (2320047-MS2)

Source: E305096-24

Prepared: 05/17/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	55.6	20.0	50.0	ND	111	70-130			
Surrogate: Bromofluorobenzene	0.548		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.550		0.500		110	70-130			

Matrix Spike Dup (2320047-MSD2)

Source: E305096-24

Prepared: 05/17/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130	3.40	20	
Surrogate: Bromofluorobenzene	0.546		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/18/2023 3:54:01PM

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 (2320044-BLK1)					Prepared: 05/17/23 Analyzed: 05/17/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.7		50.0		93.3	50-200			

LCS (2320044-BS1)					Prepared: 05/17/23 Analyzed: 05/17/23				
Diesel Range Organics (C10-C28)	285	25.0	250		114	38-132			
Surrogate: n-Nonane	46.2		50.0		92.3	50-200			

Matrix Spike (2320044-MS1)					Source: E305096-02		Prepared: 05/17/23 Analyzed: 05/17/23		
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	42.6		50.0		85.1	50-200			

Matrix Spike Dup (2320044-MSD1)					Source: E305096-02		Prepared: 05/17/23 Analyzed: 05/17/23		
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	0.0140	20	
Surrogate: n-Nonane	44.6		50.0		89.2	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/18/2023 3:54:01PM

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 (2320045-BLK1)

Prepared: 05/17/23 Analyzed: 05/17/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.9		50.0		91.8	50-200			

LCS (2320045-BS1)

Prepared: 05/17/23 Analyzed: 05/17/23

Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	38.5		50.0		77.1	50-200			

Matrix Spike (2320045-MS1)

Source: E305097-01

Prepared: 05/17/23 Analyzed: 05/17/23

Diesel Range Organics (C10-C28)	3500	25.0	250	3030	189	38-132			M4
Surrogate: n-Nonane	136		50.0		272	50-200			S5

Matrix Spike Dup (2320045-MSD1)

Source: E305097-01

Prepared: 05/17/23 Analyzed: 05/17/23

Diesel Range Organics (C10-C28)	3210	25.0	250	3030	74.7	38-132	8.53	20	
Surrogate: n-Nonane	118		50.0		235	50-200			S5



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/18/2023 3:54:01PM

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 (2320048-BLK1)					Prepared: 05/17/23 Analyzed: 05/17/23				
Chloride	ND	20.0							
LCS (2320048-BS1)					Prepared: 05/17/23 Analyzed: 05/17/23				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2320048-MS1)					Source: E305096-01		Prepared: 05/17/23 Analyzed: 05/17/23		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2320048-MSD1)					Source: E305096-01		Prepared: 05/17/23 Analyzed: 05/17/23		
Chloride	255	20.0	250	ND	102	80-120	0.0820	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Strawberry 7 Fed Com 5H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/18/2023 3:54:01PM

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 (2320049-BLK1)					Prepared: 05/17/23 Analyzed: 05/17/23				
Chloride	ND	20.0							
LCS (2320049-BS1)					Prepared: 05/17/23 Analyzed: 05/17/23				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2320049-MS1)					Source: E305096-21		Prepared: 05/17/23 Analyzed: 05/17/23		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2320049-MSD1)					Source: E305096-21		Prepared: 05/17/23 Analyzed: 05/17/23		
Chloride	259	20.0	250	ND	104	80-120	1.54	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 Com 5H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/18/23 15:54

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.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

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: Strawberry 7 Fed. Com 5H					Attention: Devon		Lab WO# E3050960		Job Number 0058-0007		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA		
Address: 5614 N. Lovington Hwy.					City, State, Zip										State		
City, State, Zip Hobbs, NM, 88240					Phone:		DRO/ORO by 8015		GRO/DRO by 8015		BTX by 8021		VOC by 8260		Metals 6010		
Phone: 580-748-1613					Email:		Chloride 300.0						BGDOC NM		BGDOC TX		
Email: tom@pimaoil.com					Pima Project # 1-263												
Report due by:																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												Remarks
8:00	5/11/23	S	1	CS 1	1												
8:05				CS 2	2												
8:10				CS 3	3												
8:15				CS 4	4												
8:20				CS 5	5												
8:25				CS 6	6												
8:30				CS 7	7												
8:35				CS 8	8												
8:40				CS 9	9												
8:45				CS 10	10												

Additional Instructions:

B# 21136152

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)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 T2 T3 AVG Temp °C 4
Carime Adams	5/16/23	1440	[Signature]	5.16.23	1440	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
[Signature]	5.16.23	1700	Andrew Musso	5.16.23	1800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Andrew Musso	5.16.23	2400	Kayleigh R Heller	5/17/23	0700	

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. Corn St</u>		Attention: <u>Devon</u>		Lab WO# <u>E305096</u>		Job Number <u>00580007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:											
Address: 5614 N. Lovington Hwy.		City, State, Zip											RCRA
City, State, Zip <u>Hobbs, NM, 88240</u>		Phone:											
Phone: 580-748-1613		Email:											
Email: tom@pimaoil.com		Pima Project # <u>1-263</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			BDOC NM	BDOC TX			Remarks
9:40	5/11/23	S	1	CSW 5	21									X				
9:45				CSW 6	22													
9:50				CSW 7	23													
10:00				CSW 8	24													
10:05				CSW 9	25													
10:10				CSW 10	26													
10:15				CSW 11	27													
10:20 ^{pm}				CSW 12	28													

Additional Instructions:

B#21136152

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>Karime Adams</u>	Date <u>5/16/23</u>	Time <u>1440</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5.16.23</u>	Time <u>1440</u>	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5.16.23</u>	Time <u>1700</u>	Received by: (Signature) <u>Andrew Mueso</u>	Date <u>5.16.23</u>	Time <u>1800</u>	
Relinquished by: (Signature) <u>Andrew Mueso</u>	Date <u>5.16.23</u>	Time <u>2400</u>	Received by: (Signature) <u>Kaylign R Hea</u>	Date <u>5/17/23</u>	Time <u>0700</u>	

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

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

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



Envirotech Analytical Laboratory

Printed: 5/17/2023 10:25:12AM

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:	05/17/23 07:00	Work Order ID:	E305096
Phone:	(575) 631-6977	Date Logged In:	05/16/23 16:55	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	05/17/23 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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.

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 218659

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 218659
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2100740038 STRAWBERRY 7 FED COM 5H, thank you. This closure is approved.	9/25/2023