

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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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

Cause of Release

State of New Mexico
Oil Conservation Division

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

Spill Volume(Bbls) Calculator

Inputs in *blue* , Outputs in *red*

Contaminated Soil measurement

Area (square feet)

Depth(inches)

5597.2334

0.500

Cubic Feet of Soil Impacted

233.218

Barrels of Soil Impacted

41.57

Soil Type

Clay/Sand

Barrels of Oil Assuming 100%
Saturation

6.24

Saturation

Damp no fluid when squeezed

Estimated Barrels of Oil
Released

0.62

Free Standing Fluid Only

Area (square feet)

Depth(inches)

5597.2334

1.000

Standing fluid

83.144

Total fluids spilled

89.379



SOFTSHELL 22 FEDERAL #001H

Incident ID nRM2010649724

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR:
DEVON ENERGY PRODUCTION CO, LP

Remediation Closure Report

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

July 31, 2024

July 31, 2024

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

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

Re: Remediation Closure Report
Softshell 22 Federal #001H
API No. 30-015-39727
GPS: Latitude 32.1222076 Longitude -103.7627106
ULSTR – B – 22 – 25S – 31E 0 FNL 0 FEL Eddy County, NM
NMOCD Incident ID nRM2010649724

This produced water release that occurred at the Softshell 22 Federal #001H (Softshell) was discovered by the operator on April 3, 2020. The initial C-141 form was submitted on April 15, 2020, and approved by the NMOCD (OCD Online: Permitting – Application ID 4962). This incident was assigned Incident ID nRM2010649724 by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The Softshell is located approximately nineteen (19) miles southeast of Malaga, NM. This spill site is in Unit B, Section 22, Township 25S, Range 31E, Latitude 32.1222076 Longitude -103.7627106, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of eolian and piedmont deposits. Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Berino complex, 0-3 percent slopes eroded, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). A Topographic Map can be found in Figure 2. The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Softshell (Figure 3).

Based on the well water data from the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this vicinity measures 390 feet below grade surface (bgs). The closest POD with current information is C-04619-POD1 which was drilled in 2022, but it is approximately 1 mile away from this release area. Conversely, as per the United States Geological Survey well water data the nearest groundwater depth in this region is recorded at 318 feet bgs, but this well is also situated approximately 1 mile away from the Softshell, with the last gauge conducted in 1959. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps. The closure criteria for this incident will be classified within the less than 50' to groundwater section of Table 1 19.15.29.12 NMAC

Release Information

nRM2010649724: On April 3, 2020, a 2" check valve on water line developed a pin hole leak. Spill was not in containment and ran off pad. The released fluids were calculated to be approximately 89.37 barrels (bbls) of produced water. A vacuum truck was able to recover approximately 30 bbls of standing fluid.

Site Assessment and Delineation Activities

On June 29, 2023, Pima mobilized personnel to the site to collect soil samples from the spill area to delineate the release. Twenty-five samples were collected from 10 different sample points. Twenty samples were collected for the purpose of vertical delineation from 5 different sample points within the release area. These discrete samples were collected from depths of 1', 2', 3', and 4' bgs. Four composite samples were collected from the edges of the release area for the purpose of horizontal delineation. These composite samples consisted of samples from 1', 2', 3', and 4' depths from each sample point. One sample was collected as a background sample from a depth of 1' bgs. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

6/29/23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - SOFTSHELL 22 FEDERAL #001H - nRM2010649724								
Date: 6/29/2023			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
S-1	1'	25.4	ND	315	4020	985	5345.4	3050
	2'	ND	ND	ND	ND	ND	0	77.9
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	71.7
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	70.1
	3'	ND	ND	ND	40.7	ND	40.7	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	64
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	61.7
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW 1	0-4' Comp	0.0678	ND	ND	ND	ND	0.0678	ND
SW 2	0-4' Comp	0.11	ND	ND	ND	ND	0.11	ND
SW 3	0-4' Comp	0.0702	ND	ND	ND	ND	0.0702	ND
SW 4	0-4' Comp	0.0612	ND	ND	ND	ND	0.0612	ND
BG 1	1'	0.0683	ND	ND	ND	ND	0.0683	ND

On June 18, 2024, Pima personnel returned to the site to collect surface samples from the previous sample points. We collected 5 surface samples from sample points S1 through S5. The laboratory results of this sampling event can be found in the following data table.

6/4/2024 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 250')								
DEVON ENERGY - Softshell 22 Federal #1H - nRM2010649724								
Date: 6/18/24			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
S-1 Surface	0'	ND	ND	ND	ND	ND	0	47.5
S-2 Surface	0'	ND	ND	ND	ND	ND	0	36.8
S-3 Surface	0'	ND	ND	ND	ND	ND	0	33.9
S-4 Surface	0'	ND	ND	ND	ND	ND	0	26.2
S-5 Surface	0'	ND	ND	ND	ND	ND	0	47.9

Remediation Activities

On July 24, 2024, the Devon construction department and Pima Environmental Services mobilized personnel and equipment to the site to begin remediating the area surrounding sample point S-1. Approximately 11 cubic yards of contaminated soil were removed by mechanical and hand excavation means from an area measuring approximately 200 square foot and from an approximate depth of 1.5' bgs. After Devon submitted a 48-hour notification (OCD Online: Permitting – Application ID 366392) (Appendix C) for the

confirmation sampling of this excavation, one base composite sample and one wall composite sample was collected from the excavated area. These samples represented no more than 200 square feet each from the base and walls of the excavation. All samples were immediately put on ice, jarred, and prepared for delivery to Envirotech Analytical Laboratory where they were tested for all constituents listed in Table 1 of 19.15.29.12 NMAC. The results of this confirmation sampling event can be found in the following data table. A corresponding Confirmation Sample Map can be found in Figure 5.

7/24/24 Confirmation Soil Sample Results								
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - SOFTSHELL 22 FEDERAL #001H - nRM2010649724								
Date: 7/24/2024 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
CS1-1.5'	1.5'	ND	ND	ND	ND	ND	0	ND
CSW1-1.5'	1.5'	ND	ND	ND	ND	ND	0	ND

Based on the analytical results, the contamination levels are under the regulatory limits for this area, according to the less than 50' to groundwater section of Table 1 19.15.29.12 NMAC.

Devon respectfully requests that this incident, nRM2010649724, be closed. Devon has complied with the applicable closure requirements set forth in 19.15.19.12 NMAC and understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan addressing a minimum of four feet of non-waste containing earthen material.

For questions or additional information, please feel free to contact:
Devon – Dale Woodall at 575-748-1838 or Dale.Woodall@dvn.com.
Pima Environmental – Tom Bynum at 580-748-1613 or tom@pimaoil.com.

Attachments

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys & Water-Related Maps
- Appendix B – Soil Survey & Geological Data
- Appendix C – 48-Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports

Figures:

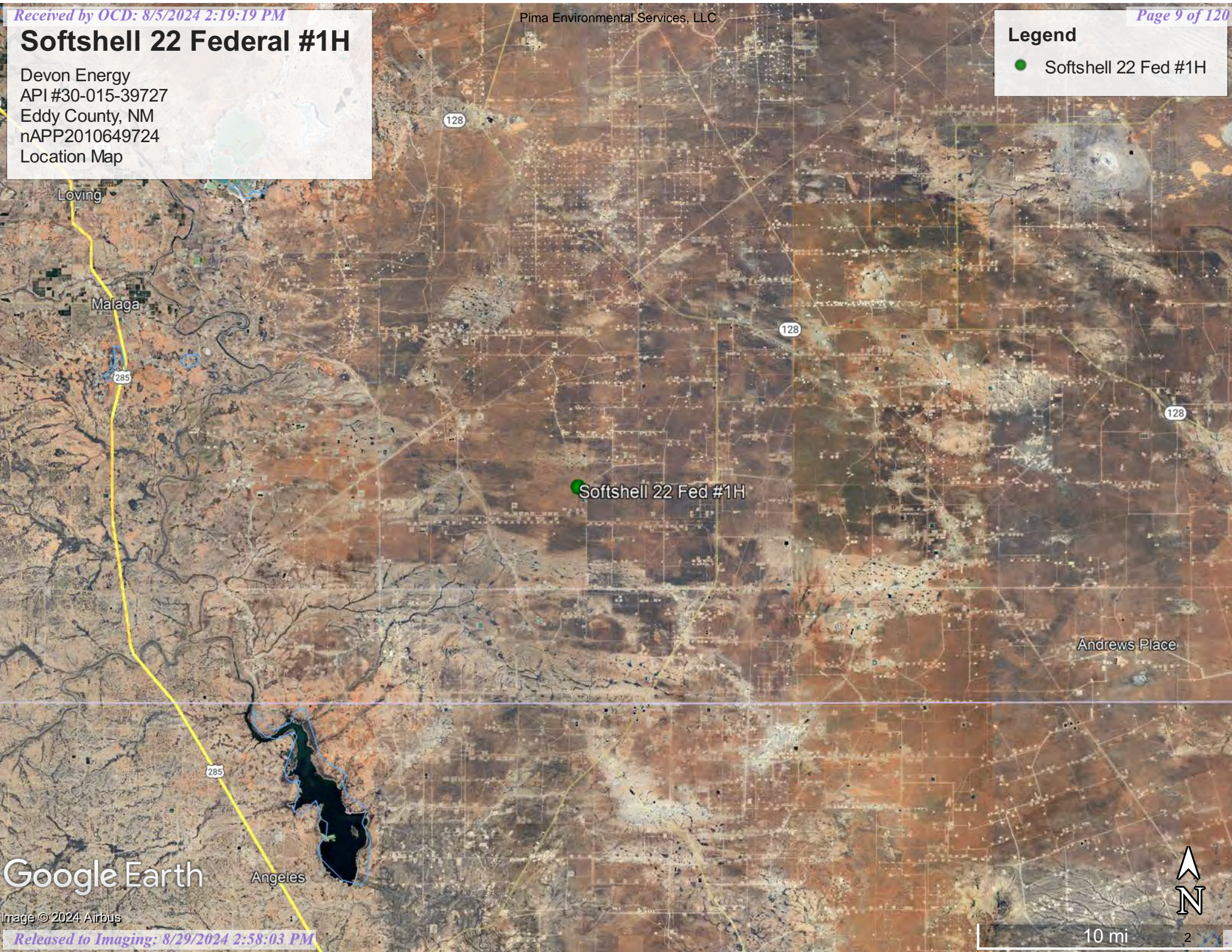
- 1 - Location Map
- 2 - Topographic Map
- 3 - Karst Map
- 4 - Site Map
- 5 - Confirmation Sample Map

Softshell 22 Federal #1H

Devon Energy
API #30-015-39727
Eddy County, NM
nAPP2010649724
Location Map

Legend

● Softshell 22 Fed #1H



Google Earth

Image © 2024 Airbus



10 mi

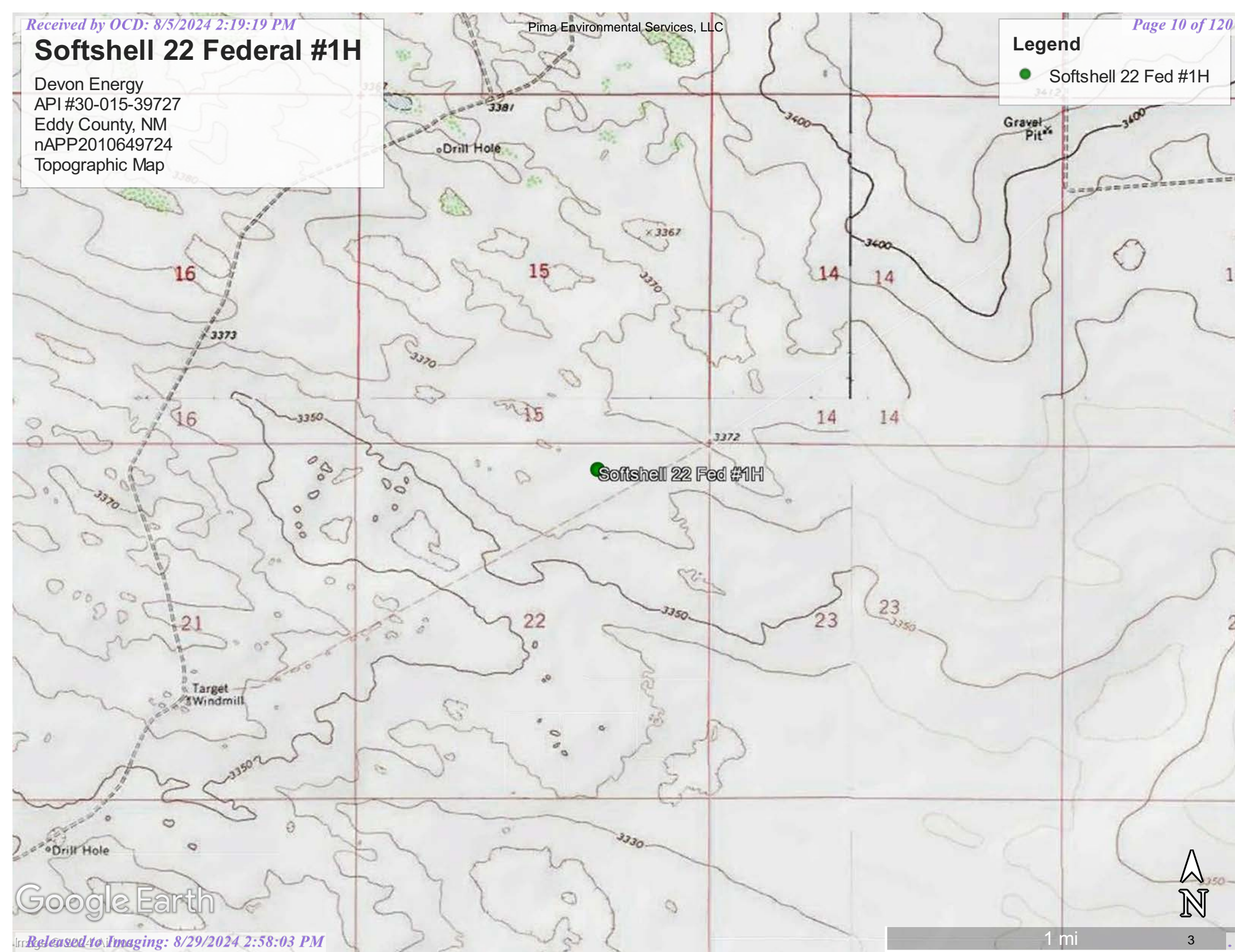
Softshell 22 Federal #1H

Devon Energy
API #30-015-39727
Eddy County, NM
nAPP2010649724
Topographic Map

Pima Environmental Services, LLC

Legend

● Softshell 22 Fed #1H






1 mi

Softshell 22 Federal #1H

Devon Energy
API #30-015-39727
Eddy County, NM
nAPP2010649724
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst

Softshell 22 Fed #1H



1 mi

4

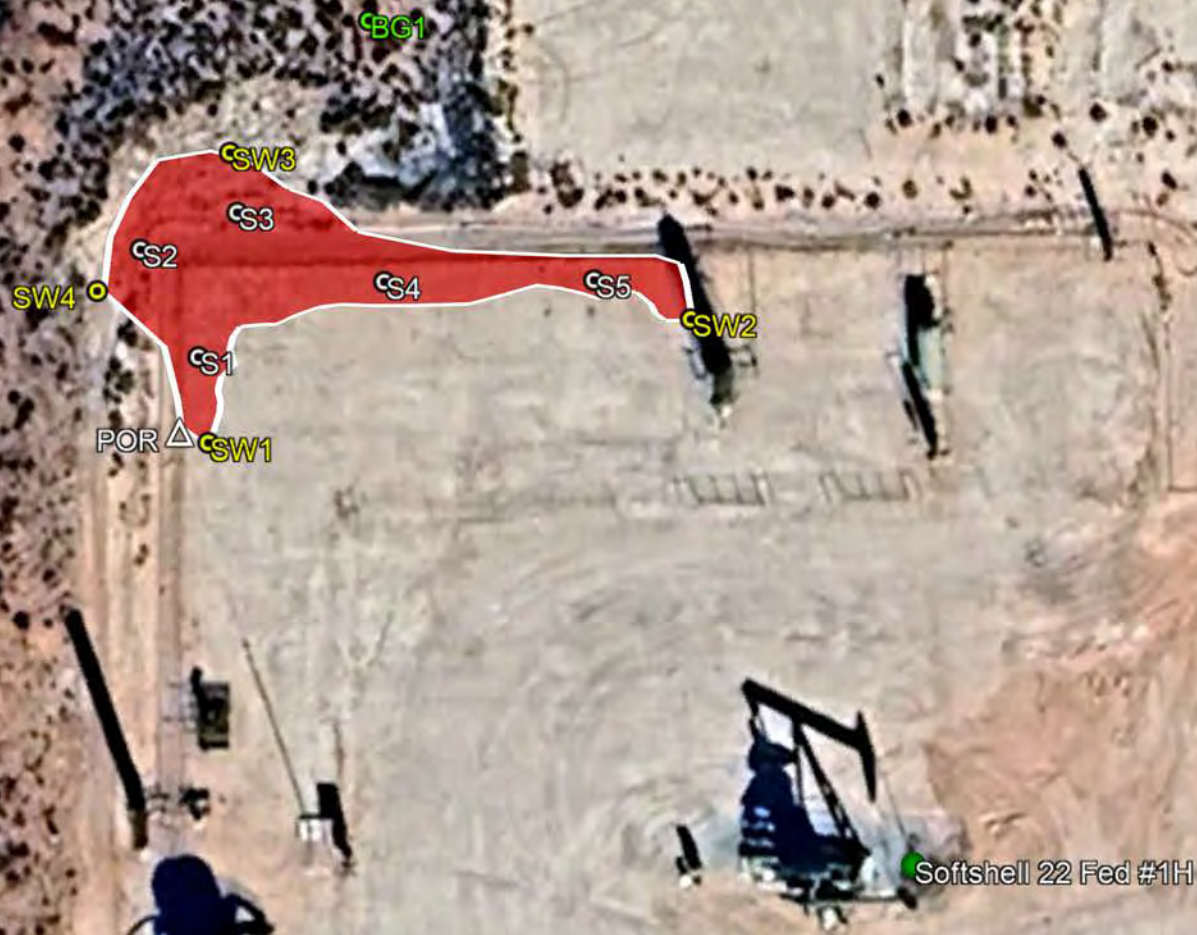
Google Earth

Softshell 22 Federal #1H

Devon Energy
API #30-015-39727
Eddy County, NM
nAPP2010649724
Site Map

Legend

- Background sample
- Horizontal delineation samples
- POR
- Release area - 3,462 sqft
- Vertical delineation samples



32.122027, -103.762908



100 ft

5

Google Earth

Softshell 22 Federal #1H

Devon Energy
API #30-015-39727
Eddy County, NM
nAPP2010649724
Confirmation Sample Map

Legend

- Composite base sample
- Composite wall sample
- Excavated area - 200 sqft - 1.5' bgs



4POR

32.122452, -103.763293

Google Earth



30 ft

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map

Wetlands Map

Fema Flood Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tw	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C 04619 POD1		CUB	ED	2	1	2	27	25S	31E	616750	3552958	1693	55		
C 02250		CUB	ED	3	1	4	21	25S	31E	614912	3553620*	2079	400	390	10
C 04500 POD1		CUB	ED	4	4	1	28	25S	31E	614620	3552380	3091			
C 04632 POD1		CUB	ED	1	2	2	10	25S	31E	616802	3557964	3314	55		
C 03830 POD1		CUB	ED	4	2	4	02	25S	31E	618632	3558432	4238	450		
C 02570		CUB	ED	4	2	4	02	25S	31E	618704	3558489*	4321	895		
C 04618 POD1		CUB	LE	3	4	3	18	25S	32E	621041	3554886	4329	55		
C 02569		CUB	ED	4	4	2	02	25S	31E	618699	3558891*	4679	1016		
C 04635 POD1		CUB	ED	4	3	4	01	25S	31E	619958	3558078	4715	55		
C 02573		CUB	ED	1	4	2	02	25S	31E	618499	3559091*	4783			
C 02568		CUB	ED	4	3	1	01	25S	31E	619103	3558892*	4865	1025		
C 02571		CUB	ED	4	1	2	02	25S	31E	618292	3559294*	4902	860		

Average Depth to Water: **390 feet**

Minimum Depth: **390 feet**

Maximum Depth: **390 feet**

Record Count: 12

UTM NAD83 Radius Search (in meters):

Easting (X): 616718.16

Northing (Y): 3554651.2

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.

6/27/23 10:19 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



6/2/2024, 3:39:19 PM

GIS WATERS PODs

● Active

●



OSE District Boundary

Water Right Regulations

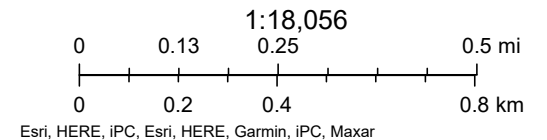


Artesian Planning Area

New Mexico State Trust Lands



Both Estates





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

- 320643103465002

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320643103465002 25S.31E.21.413314A

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13070001

Latitude 32°06'46.0", Longitude 103°46'56.3" NAD83

Land-surface elevation 3,374.00 feet above NGVD29

The depth of the well is 400 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

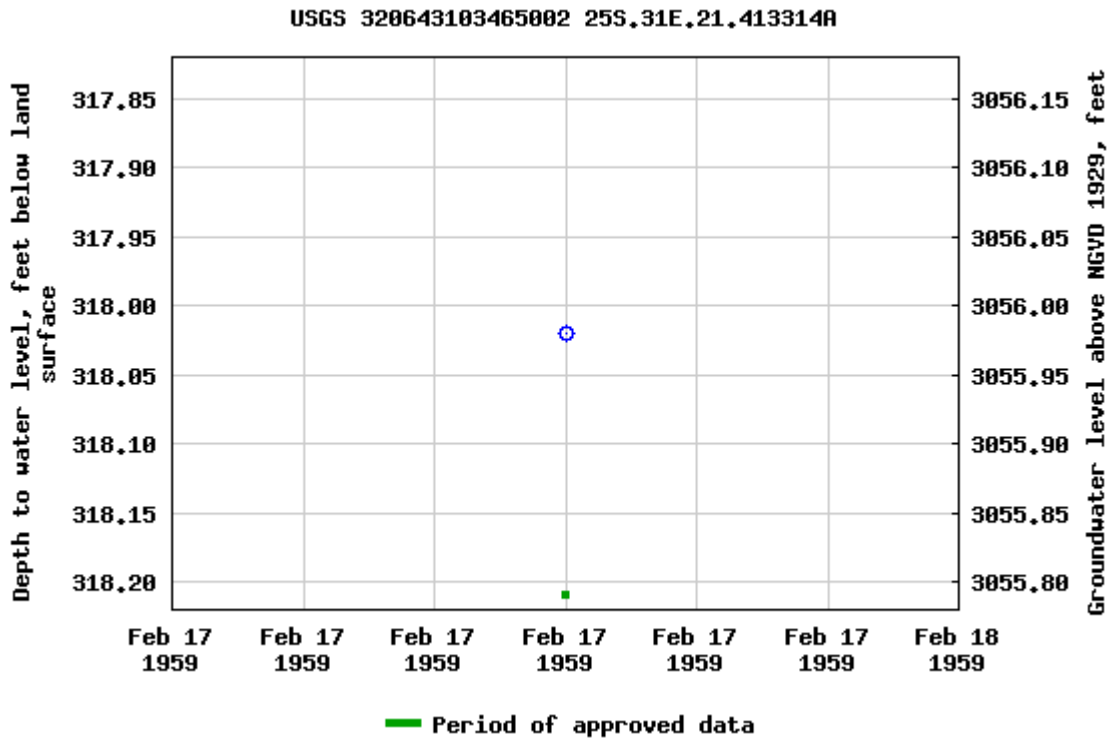
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

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Breaks in the plot represent a gap of at least one year between field measurements.
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Title: Groundwater for USA: Water Levels

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



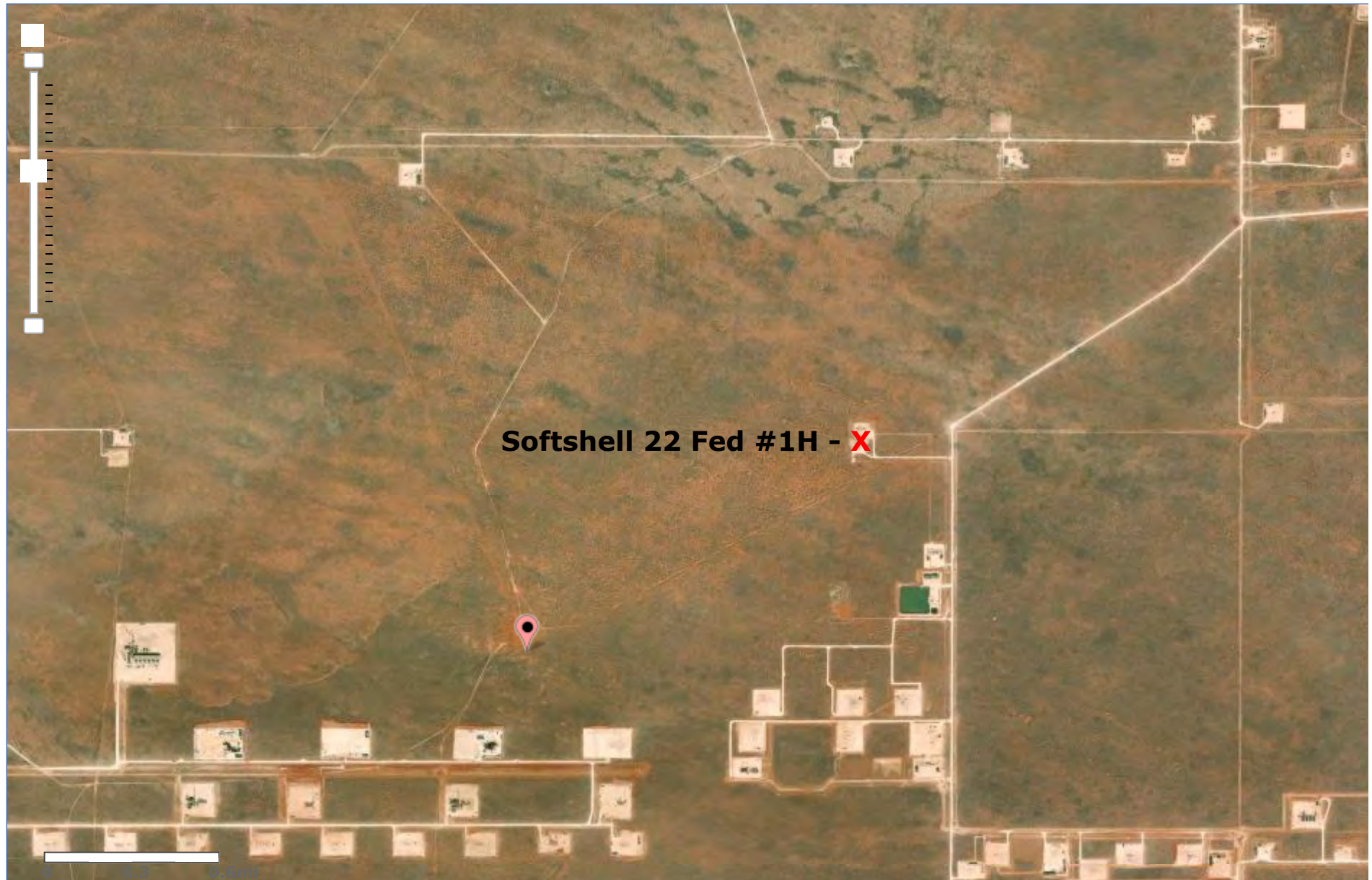
Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2024-06-02 16:35:01 EDT

0.6 0.52 nadww02





National Water Information System: Mapper

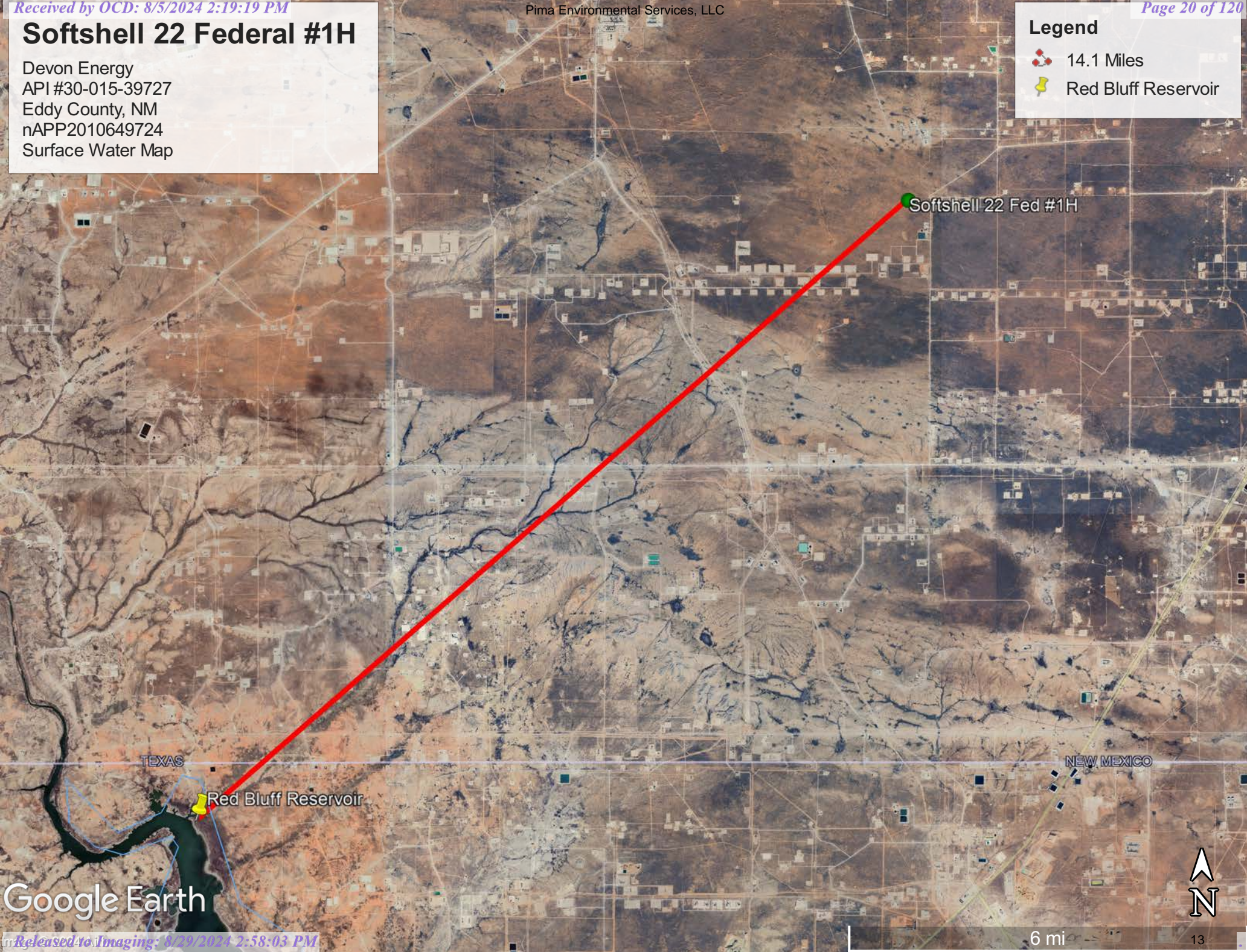


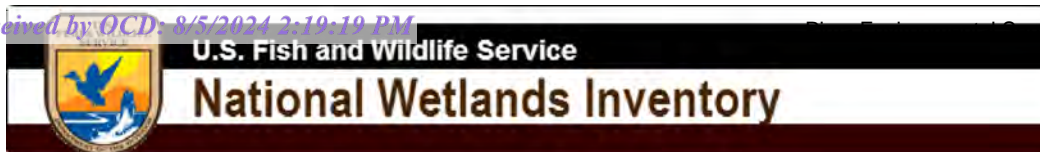
Softshell 22 Federal #1H

Devon Energy
API #30-015-39727
Eddy County, NM
nAPP2010649724
Surface Water Map

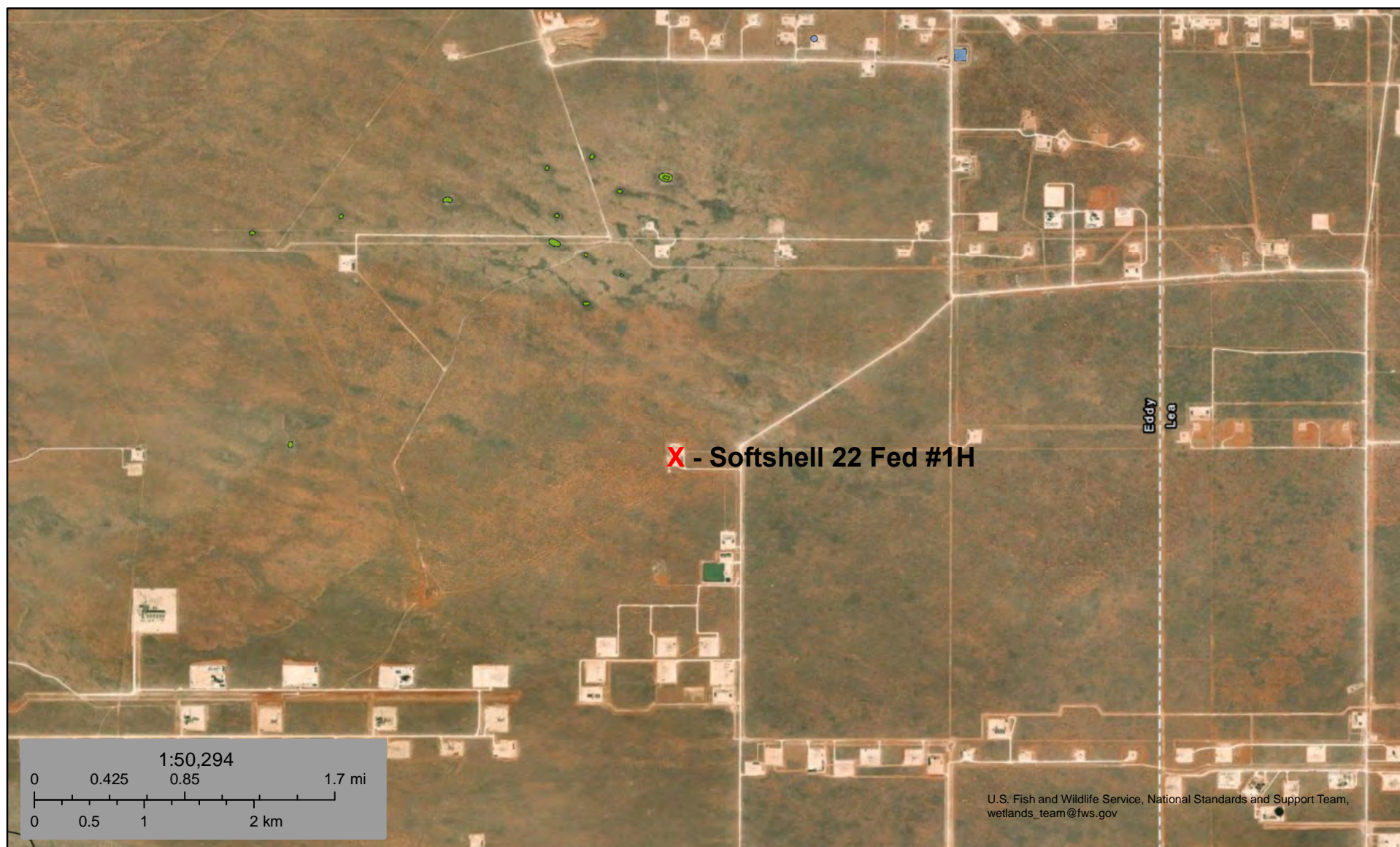
Legend

-  14.1 Miles
-  Red Bluff Reservoir





Wetlands Map



June 2, 2024

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.

National Flood Hazard Layer FIRMette



103°46'5"W 32°7'35"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 6/27/2023 at 12:21 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.

Appendix B

Soil Survey

Soil Map

Geologic Unit Map

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

Eddy Area, New Mexico

BB—Berino complex, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w43

Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 5 to 15 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: 60 percent

Pajarito and similar soils: 25 percent

Minor components: 15 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 17 inches: fine sand

H2 - 17 to 58 inches: sandy clay loam

H3 - 58 to 60 inches: loamy sand

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 8.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

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

Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Pajarito

Setting

Landform: Dunes, plains, interdunes
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: loamy fine sand
H2 - 9 to 72 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 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: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Pajarito

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Wink

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Cacique

Percent of map unit: 4 percent

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

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Kermit

Percent of map unit: 3 percent

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 18, Sep 8, 2022

Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

6/2/2024
Page 1 of 3

Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020



The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Soil Map—Eddy Area, New Mexico

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	9.3	100.0%
Totals for Area of Interest		9.3	100.0%

Legend

-  Eolian and piedmont deposits
-  Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region

Softshell 22 Federal #1H

Devon Energy
API #30-015-39727
Eddy County, NM
nAPP2010649724
Geologic Unit Map

Softshell 22 Fed #1H

Google Earth



2 mi

Appendix C

48-Hour Notification



Tom Pima Oil <tom@pimaoil.com>

Fwd: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 366392

1 message

Woodall, Dale <Dale.Woodall@dmv.com>

Tue, Jul 23, 2024 at 10:24 AM

To: Tom Pima Oil <tom@pimaoil.com>, Gio PimaOil <gio@pimaoil.com>, Lynsey Pima Oil <lynsey@pimaoil.com>, Delrae Pima Oil <delrae@pimaoil.com>

Dale Woodall

Environmental Professional**Hobbs, NM****Office:** 575-748-1838**Mobile:** 405-318-4697Dale.Woodall@dmv.com**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>**Sent:** Tuesday, July 23, 2024 10:23:55 AM**To:** Woodall, Dale <Dale.Woodall@dmv.com>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 366392

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nRM2010649724.

The sampling event is expected to take place:

When: 07/24/2024 @ 12:30**Where:** B-22-25S-31E 0 FNL 0 FEL (32.1222076,-103.7627106)**Additional Information:** Andrew Franco 806-200-0054**Additional Instructions:** From the intersection of NM128 and Buck Jackson Road, travel southwest on Buck Jackson Rd for 4.75 miles, turn south on lease road for 3.25 miles, turn east for 1.9 miles, turn south for 1.1 miles, curve southwest for 1.25 miles, curve south for 560 feet, turn west across cattle guard into location.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are

confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

Appendix D

Photographic Documentation



Lease Sign



Point of Release



Northwest Corner looking east



Northeast corner looking west



North side looking west



Northwest corner and pasture



Northwest corner looking south



Northwest corner looking east



Sample Collection



Sample Collection



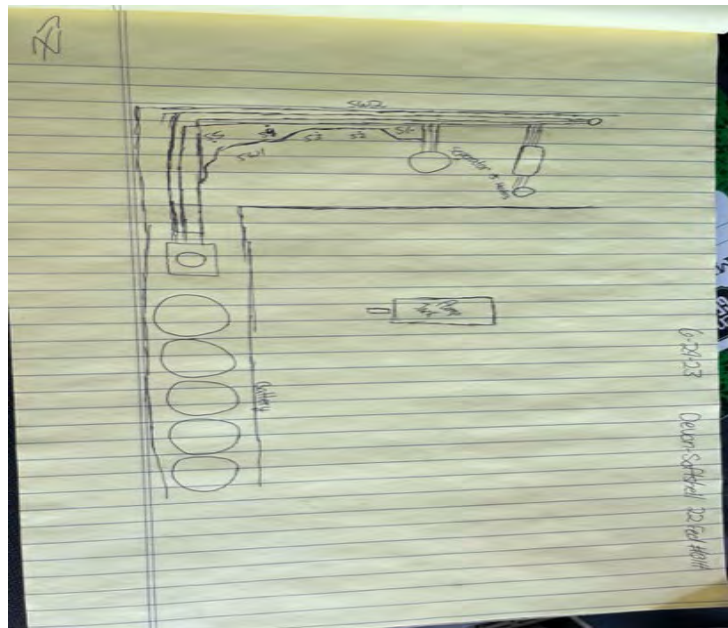
Sample Collection



Sample Collection



Sample Collection



Field Notes Sketch



Flagging/Marking S1 area



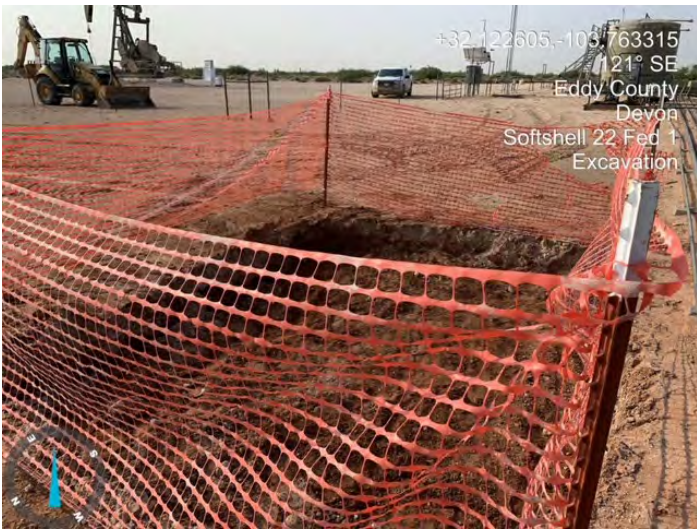
Flagging/Marking S1 area



Excavation 1



Excavation 2



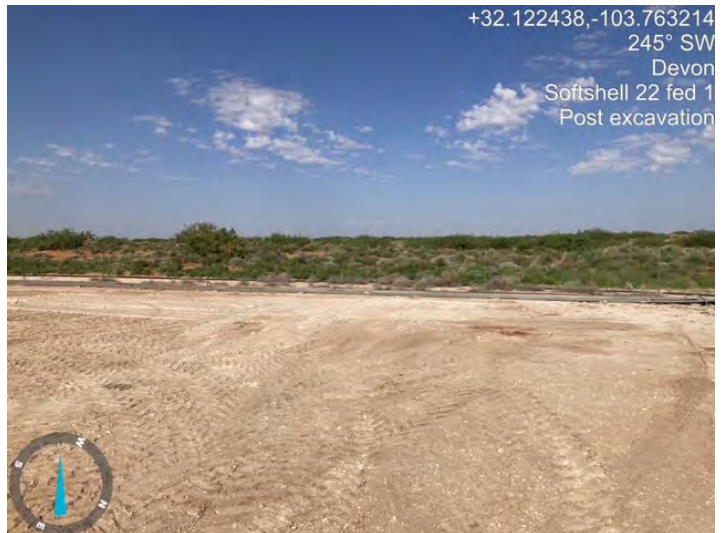
Excavation 3



South side looking north



Southeast looking northwest



East side looking west



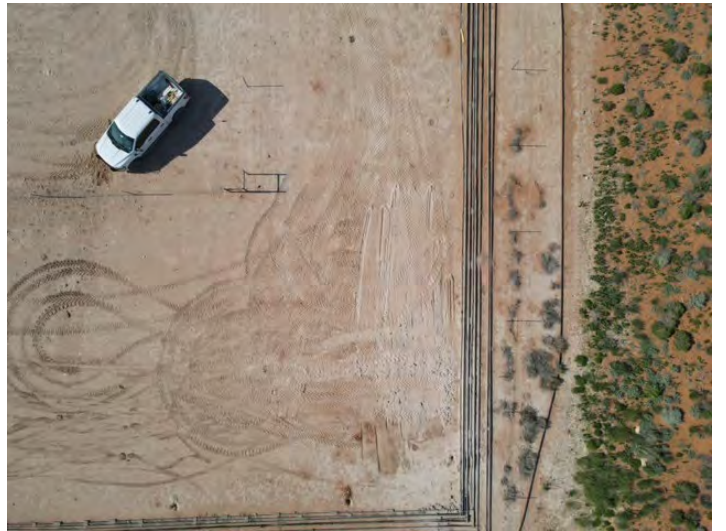
North side looking south



Aerial from southeast side



Aerial from northeast side



Aerial from overhead



Aerial from south side



Appendix E

Laboratory Reports

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Softshell 22 Federal #001

Work Order: E306248

Job Number: 01058-0007

Received: 7/5/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/11/23

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

Date Reported: 7/11/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Softshell 22 Federal #001
Workorder: E306248
Date Received: 7/5/2023 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/5/2023 8:00:00AM, under the Project Name: Softshell 22 Federal #001.

The analytical test results summarized in this report with the Project Name: Softshell 22 Federal #001 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
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Alexa Michaels
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labadmin@envirotech-inc.com

Field Offices:

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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
PO Box 247
Plains TX, 79355-0247

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
07/11/23 13:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E306248-01A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S1-2'	E306248-02A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S1-3'	E306248-03A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S1-4'	E306248-04A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S2-1'	E306248-05A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S2-2'	E306248-06A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S2-3'	E306248-07A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S2-4'	E306248-08A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S3-1'	E306248-09A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S3-2'	E306248-10A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S3-3'	E306248-11A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S3-4'	E306248-12A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S4-1'	E306248-13A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S4-2'	E306248-14A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S4-3'	E306248-15A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S4-4'	E306248-16A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S5-1'	E306248-17A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S5-2'	E306248-18A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S5-3'	E306248-19A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
S5-4'	E306248-20A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
SW1	E306248-21A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
SW2	E306248-22A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
SW3	E306248-23A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
SW4	E306248-24A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.
BG1	E306248-25A	Soil	06/29/23	07/05/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S1-1' E306248-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Benzene	ND	0.0500	2	07/05/23	07/05/23	
Ethylbenzene	3.30	0.0500	2	07/05/23	07/05/23	
Toluene	1.83	0.0500	2	07/05/23	07/05/23	
o-Xylene	6.58	0.0500	2	07/05/23	07/05/23	
p,m-Xylene	18.8	0.100	2	07/05/23	07/05/23	
Total Xylenes	25.4	0.0500	2	07/05/23	07/05/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Gasoline Range Organics (C6-C10)	315	40.0	2	07/05/23	07/05/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		126 %	70-130	07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327036
Diesel Range Organics (C10-C28)	4020	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	985	50.0	1	07/06/23	07/10/23	
<i>Surrogate: n-Nonane</i>						
		175 %	50-200	07/06/23	07/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327026
Chloride	3050	40.0	2	07/06/23	07/07/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported: 7/11/2023 1:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S1-2'

E306248-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	ND	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
Surrogate: 4-Bromochlorobenzene-PID	95.6 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.3 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2327036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
Surrogate: n-Nonane	92.4 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2327026	
Chloride	77.9	20.0	1	07/06/23	07/07/23	



Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S1-3'

E306248-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	ND	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.4 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/10/23	
<i>Surrogate: n-Nonane</i>						
	90.3 %	50-200		07/06/23	07/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327026
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S1-4'

E306248-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	ND	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/10/23	
<i>Surrogate: n-Nonane</i>						
	89.9 %	50-200		07/06/23	07/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327026
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S2-1'

E306248-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	ND	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.5 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/10/23	
<i>Surrogate: n-Nonane</i>						
	88.9 %	50-200		07/06/23	07/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327026
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported: 7/11/2023 1:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S2-2'

E306248-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	ND	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2327036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/10/23	
<i>Surrogate: n-Nonane</i>						
	84.3 %	50-200		07/06/23	07/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2327026	
Chloride	71.7	20.0	1	07/06/23	07/07/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported: 7/11/2023 1:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S2-3'

E306248-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	ND	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
Surrogate: 4-Bromochlorobenzene-PID	97.5 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.1 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2327036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/10/23	
Surrogate: n-Nonane	90.5 %	50-200		07/06/23	07/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2327026	
Chloride	ND	20.0	1	07/06/23	07/07/23	

Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S2-4'

E306248-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	0.0373	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.7 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/10/23	
<i>Surrogate: n-Nonane</i>						
	91.0 %	50-200		07/06/23	07/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327026
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S3-1'

E306248-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	ND	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.9 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
<i>Surrogate: n-Nonane</i>						
	86.3 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327026
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported: 7/11/2023 1:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S3-2'

E306248-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	ND	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
Surrogate: 4-Bromochlorobenzene-PID	97.4 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.2 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2327036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
Surrogate: n-Nonane	88.0 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2327026	
Chloride	70.1	20.0	1	07/06/23	07/07/23	

Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S3-3'

E306248-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	ND	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.9 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327036
Diesel Range Organics (C10-C28)	40.7	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
<i>Surrogate: n-Nonane</i>						
	89.2 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327026
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported: 7/11/2023 1:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S3-4'

E306248-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	0.0282	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
Surrogate: 4-Bromochlorobenzene-PID	98.4 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.0 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2327036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
Surrogate: n-Nonane	92.9 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2327026	
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S4-1'

E306248-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/05/23	
Toluene	ND	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/05/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/05/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
<i>Surrogate: n-Nonane</i>						
	89.4 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327026
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported: 7/11/2023 1:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S4-2'

E306248-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Benzene	ND	0.0250	1	07/05/23	07/06/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/06/23	
Toluene	ND	0.0250	1	07/05/23	07/06/23	
o-Xylene	ND	0.0250	1	07/05/23	07/06/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/06/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/06/23	
Surrogate: 4-Bromochlorobenzene-PID	98.1 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.4 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2327036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
Surrogate: n-Nonane	81.7 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2327026	
Chloride	64.0	20.0	1	07/06/23	07/07/23	

Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S4-3'

E306248-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Benzene	ND	0.0250	1	07/05/23	07/06/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/06/23	
Toluene	ND	0.0250	1	07/05/23	07/06/23	
o-Xylene	ND	0.0250	1	07/05/23	07/06/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/06/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.4 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
<i>Surrogate: n-Nonane</i>						
	89.7 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327026
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported: 7/11/2023 1:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S4-4'

E306248-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Benzene	ND	0.0250	1	07/05/23	07/06/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/06/23	
Toluene	ND	0.0250	1	07/05/23	07/06/23	
o-Xylene	ND	0.0250	1	07/05/23	07/06/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/06/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.2 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2327036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
<i>Surrogate: n-Nonane</i>						
	92.2 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2327026	
Chloride	ND	20.0	1	07/06/23	07/07/23	

Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S5-1'

E306248-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Benzene	ND	0.0250	1	07/05/23	07/06/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/06/23	
Toluene	ND	0.0250	1	07/05/23	07/06/23	
o-Xylene	ND	0.0250	1	07/05/23	07/06/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/06/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2327036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
<i>Surrogate: n-Nonane</i>						
	90.0 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2327026	
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S5-2'

E306248-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Benzene	ND	0.0250	1	07/05/23	07/06/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/06/23	
Toluene	ND	0.0250	1	07/05/23	07/06/23	
o-Xylene	ND	0.0250	1	07/05/23	07/06/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/06/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.4 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
<i>Surrogate: n-Nonane</i>						
	88.1 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327026
Chloride	61.7	20.0	1	07/06/23	07/07/23	



Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

S5-3'

E306248-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Benzene	ND	0.0250	1	07/05/23	07/06/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/06/23	
Toluene	ND	0.0250	1	07/05/23	07/06/23	
o-Xylene	ND	0.0250	1	07/05/23	07/06/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/06/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
<i>Surrogate: n-Nonane</i>						
	89.9 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327026
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported: 7/11/2023 1:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S5-4'

E306248-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Benzene	ND	0.0250	1	07/05/23	07/06/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/06/23	
Toluene	ND	0.0250	1	07/05/23	07/06/23	
o-Xylene	ND	0.0250	1	07/05/23	07/06/23	
p,m-Xylene	ND	0.0500	1	07/05/23	07/06/23	
Total Xylenes	ND	0.0250	1	07/05/23	07/06/23	
Surrogate: 4-Bromochlorobenzene-PID	97.1 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2326104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	111 %	70-130		07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2327036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/11/23	
Surrogate: n-Nonane	91.0 %	50-200		07/06/23	07/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2327026	
Chloride	ND	20.0	1	07/06/23	07/07/23	

Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

SW1

E306248-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2327003
Benzene	ND	0.0250	1	07/05/23	07/06/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/06/23	
Toluene	0.0467	0.0250	1	07/05/23	07/06/23	
o-Xylene	ND	0.0250	1	07/05/23	07/06/23	
p,m-Xylene	0.0678	0.0500	1	07/05/23	07/06/23	
Total Xylenes	0.0678	0.0250	1	07/05/23	07/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2327003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.4 %	70-130	07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/10/23	
<i>Surrogate: n-Nonane</i>						
		98.2 %	50-200	07/06/23	07/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327028
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported: 7/11/2023 1:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW2
E306248-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2327003	
Benzene	ND	0.0250	1	07/05/23	07/06/23	
Ethylbenzene	0.0297	0.0250	1	07/05/23	07/06/23	
Toluene	0.0676	0.0250	1	07/05/23	07/06/23	
o-Xylene	0.0252	0.0250	1	07/05/23	07/06/23	
p,m-Xylene	0.0844	0.0500	1	07/05/23	07/06/23	
Total Xylenes	0.110	0.0250	1	07/05/23	07/06/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2327003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.3 %	70-130	07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2327037	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/10/23	
Surrogate: n-Nonane		95.9 %	50-200	07/06/23	07/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2327028	
Chloride	ND	20.0	1	07/06/23	07/07/23	

Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

SW3

E306248-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2327003
Benzene	ND	0.0250	1	07/05/23	07/05/23	
Ethylbenzene	0.0264	0.0250	1	07/05/23	07/05/23	
Toluene	0.0757	0.0250	1	07/05/23	07/05/23	
o-Xylene	ND	0.0250	1	07/05/23	07/05/23	
p,m-Xylene	0.0702	0.0500	1	07/05/23	07/05/23	
Total Xylenes	0.0702	0.0250	1	07/05/23	07/05/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2327003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/05/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.7 %	70-130	07/05/23	07/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/10/23	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	07/06/23	07/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327028
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

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

Project Name: Softshell 22 Federal #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/11/2023 1:24:19PM

SW4

E306248-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2327003
Benzene	ND	0.0250	1	07/05/23	07/06/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/06/23	
Toluene	0.0956	0.0250	1	07/05/23	07/06/23	
o-Xylene	ND	0.0250	1	07/05/23	07/06/23	
p,m-Xylene	0.0612	0.0500	1	07/05/23	07/06/23	
Total Xylenes	0.0612	0.0250	1	07/05/23	07/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2327003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.0 %	70-130	07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/10/23	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	07/06/23	07/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327028
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported: 7/11/2023 1:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

BG1
E306248-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2327003
Benzene	ND	0.0250	1	07/05/23	07/06/23	
Ethylbenzene	ND	0.0250	1	07/05/23	07/06/23	
Toluene	0.0488	0.0250	1	07/05/23	07/06/23	
o-Xylene	ND	0.0250	1	07/05/23	07/06/23	
p,m-Xylene	0.0683	0.0500	1	07/05/23	07/06/23	
Total Xylenes	0.0683	0.0250	1	07/05/23	07/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2327003
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/23	07/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.7 %	70-130	07/05/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327037
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/10/23	
<i>Surrogate: n-Nonane</i>						
		99.6 %	50-200	07/06/23	07/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327028
Chloride	ND	20.0	1	07/06/23	07/07/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/11/2023 1:24:19PM

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2326104-BLK1) Prepared: 07/05/23 Analyzed: 07/06/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

LCS (2326104-BS1) Prepared: 07/05/23 Analyzed: 07/05/23

Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.12	0.0250	5.00		102	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.4	70-130			

Matrix Spike (2326104-MS1) Source: E306248-03 Prepared: 07/05/23 Analyzed: 07/05/23

Benzene	5.15	0.0250	5.00	ND	103	54-133			
Ethylbenzene	5.04	0.0250	5.00	ND	101	61-133			
Toluene	5.12	0.0250	5.00	ND	102	61-130			
o-Xylene	5.05	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			

Matrix Spike Dup (2326104-MSD1) Source: E306248-03 Prepared: 07/05/23 Analyzed: 07/05/23

Benzene	5.17	0.0250	5.00	ND	103	54-133	0.454	20	
Ethylbenzene	5.07	0.0250	5.00	ND	101	61-133	0.768	20	
Toluene	5.15	0.0250	5.00	ND	103	61-130	0.551	20	
o-Xylene	5.08	0.0250	5.00	ND	102	63-131	0.646	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	0.973	20	
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131	0.865	20	
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/11/2023 1:24:19PM

Volatile Organics by EPA 8021B

Analyst: IY

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

Blank (2327003-BLK1) Prepared: 07/05/23 Analyzed: 07/05/23

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	8.37		8.00		105	70-130			

LCS (2327003-BS1) Prepared: 07/05/23 Analyzed: 07/05/23

Benzene	4.90	0.0250	5.00		97.9	70-130			
Ethylbenzene	4.75	0.0250	5.00		95.0	70-130			
Toluene	4.91	0.0250	5.00		98.2	70-130			
o-Xylene	4.89	0.0250	5.00		97.8	70-130			
p,m-Xylene	9.84	0.0500	10.0		98.4	70-130			
Total Xylenes	14.7	0.0250	15.0		98.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.21		8.00		103	70-130			

Matrix Spike (2327003-MS1) Source: E306248-23 Prepared: 07/05/23 Analyzed: 07/05/23

Benzene	4.76	0.0250	5.00	ND	95.3	54-133			
Ethylbenzene	4.64	0.0250	5.00	0.0264	92.3	61-133			
Toluene	4.84	0.0250	5.00	0.0757	95.3	61-130			
o-Xylene	4.80	0.0250	5.00	ND	96.0	63-131			
p,m-Xylene	9.64	0.0500	10.0	0.0702	95.7	63-131			
Total Xylenes	14.4	0.0250	15.0	0.0702	95.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			

Matrix Spike Dup (2327003-MSD1) Source: E306248-23 Prepared: 07/05/23 Analyzed: 07/05/23

Benzene	4.93	0.0250	5.00	ND	98.5	54-133	3.38	20	
Ethylbenzene	4.79	0.0250	5.00	0.0264	95.4	61-133	3.20	20	
Toluene	5.00	0.0250	5.00	0.0757	98.4	61-130	3.11	20	
o-Xylene	4.96	0.0250	5.00	ND	99.1	63-131	3.22	20	
p,m-Xylene	9.95	0.0500	10.0	0.0702	98.8	63-131	3.19	20	
Total Xylenes	14.9	0.0250	15.0	0.0702	98.9	63-131	3.20	20	
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/11/2023 1:24:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2326104-BLK1) Prepared: 07/05/23 Analyzed: 07/06/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.40		8.00		118	70-130			

LCS (2326104-BS2) Prepared: 07/05/23 Analyzed: 07/05/23

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

Matrix Spike (2326104-MS2) Source: E306248-03 Prepared: 07/05/23 Analyzed: 07/05/23

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.4	70-130			

Matrix Spike Dup (2326104-MSD2) Source: E306248-03 Prepared: 07/05/23 Analyzed: 07/05/23

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130	0.0359	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported: 7/11/2023 1:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2327003-BLK1)

Prepared: 07/05/23 Analyzed: 07/05/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.69		8.00		83.6	70-130			

LCS (2327003-BS2)

Prepared: 07/05/23 Analyzed: 07/05/23

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0		96.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike (2327003-MS2)

Source: E306248-23 Prepared: 07/05/23 Analyzed: 07/05/23

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0	ND	97.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.7	70-130			

Matrix Spike Dup (2327003-MSD2)

Source: E306248-23 Prepared: 07/05/23 Analyzed: 07/05/23

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.9	70-130	2.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.8	70-130			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/11/2023 1:24:19PM

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 (2327036-BLK1)					Prepared: 07/06/23 Analyzed: 07/10/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.6		50.0		93.1	50-200			

LCS (2327036-BS1)					Prepared: 07/06/23 Analyzed: 07/10/23				
Diesel Range Organics (C10-C28)	249	25.0	250		99.5	38-132			
Surrogate: n-Nonane	44.8		50.0		89.7	50-200			

Matrix Spike (2327036-MS1)					Source: E306248-18		Prepared: 07/06/23 Analyzed: 07/10/23		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.4	38-132			
Surrogate: n-Nonane	41.4		50.0		82.8	50-200			

Matrix Spike Dup (2327036-MSD1)					Source: E306248-18		Prepared: 07/06/23 Analyzed: 07/10/23		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	38-132	0.111	20	
Surrogate: n-Nonane	43.0		50.0		86.1	50-200			

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/11/2023 1:24:19PM

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 (2327037-BLK1)					Prepared: 07/06/23 Analyzed: 07/10/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.3		50.0		90.5	50-200			

LCS (2327037-BS1)					Prepared: 07/06/23 Analyzed: 07/10/23				
Diesel Range Organics (C10-C28)	259	25.0	250		104	38-132			
Surrogate: n-Nonane	48.0		50.0		96.0	50-200			

Matrix Spike (2327037-MS1)					Source: E306248-24		Prepared: 07/06/23 Analyzed: 07/10/23		
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	48.7		50.0		97.3	50-200			

Matrix Spike Dup (2327037-MSD1)					Source: E306248-24		Prepared: 07/06/23 Analyzed: 07/10/23		
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	38-132	2.32	20	
Surrogate: n-Nonane	47.6		50.0		95.2	50-200			



Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/11/2023 1:24:19PM

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 (2327026-BLK1)					Prepared: 07/06/23 Analyzed: 07/07/23				
Chloride	ND	20.0							
LCS (2327026-BS1)					Prepared: 07/06/23 Analyzed: 07/07/23				
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2327026-MS1)					Source: E306248-01		Prepared: 07/06/23 Analyzed: 07/07/23		
Chloride	3340	40.0	250	3050	119	80-120			
Matrix Spike Dup (2327026-MSD1)					Source: E306248-01		Prepared: 07/06/23 Analyzed: 07/07/23		
Chloride	3390	40.0	250	3050	136	80-120	1.28	20	M2



Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #001	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/11/2023 1:24:19PM

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 (2327028-BLK1)					Prepared: 07/06/23 Analyzed: 07/07/23				
Chloride	ND	20.0							
LCS (2327028-BS1)					Prepared: 07/06/23 Analyzed: 07/07/23				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2327028-MS1)					Source: E306247-01		Prepared: 07/06/23 Analyzed: 07/07/23		
Chloride	277	20.0	250	28.9	99.3	80-120			
Matrix Spike Dup (2327028-MSD1)					Source: E306247-01		Prepared: 07/06/23 Analyzed: 07/07/23		
Chloride	277	20.0	250	28.9	99.3	80-120	0.00794	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:	Softshell 22 Federal #001	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/11/23 13:24

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Client: Pima Environmental Services Project: Softshell 22 Federal #001 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: <u>Devan</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>331</u>					Lab Use Only Lab WO# <u>E 2010248</u> Job Number <u>01058-0007</u> Analysis and Method					TAT 1D <input type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input checked="" type="checkbox"/>				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
										State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>										
										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	BDOC NM	BDOC TX							
8:00	6/29	S	1	S1-1'	1															
8:05				S1-2'	2															
8:10				S1-3'	3															
8:15				S1-4'	4															
8:20				S2-1'	5															
8:25				S2-2'	6															
8:30				S2-3'	7															
8:35				S2-4'	8															
8:40				S3-1'	9															
8:45				S3-2'	10															
Additional Instructions: <u>WO# 21190632</u>																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by:																				
Relinquished by: (Signature) <u>Varime Adame</u>					Date <u>6/30/23</u>		Time <u>1200</u>		Received by: (Signature) <u>Michelle Campala</u>					Date <u>6-30-23</u>		Time <u>1200</u>				
Relinquished by: (Signature) <u>Michelle Campala</u>					Date <u>6-30-23</u>		Time <u>1615</u>		Received by: (Signature) <u>Michelle Campala</u>					Date <u>6-30-23</u>		Time <u>1700</u>				
Relinquished by: (Signature) <u>Alvin Mueso</u>					Date <u>6-30-23</u>		Time <u>2230</u>		Received by: (Signature) <u>Keith Mar</u>					Date <u>7/5/23</u>		Time <u>8:00</u>				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Project Information

Chain of Custody

Page 2 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program	
Project: <u>Soft Shell 22 Federal #001</u>					Attention: <u>Devon</u>		Lab WO# <u>E504248</u> Job Number <u>06580007</u>		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 # <u>331</u>									
Report due by:														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:50	6/29	S	1	S3- 3'	11							X		
8:55				S3- 4'	12									
9:00				S4- 1'	13									
9:05				S4- 2'	14									
9:10				S4- 3'	15									
9:15				S4- 4'	16									
9:20				S5- 1'	17									
9:25				S5- 2'	18									
9:30				S5- 3'	19									
9:35				S5- 4'	20									
Additional Instructions: <u>WO#21190632</u>														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.														
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.														
Relinquished by: (Signature) <u>Wesley Adams</u> Date <u>6/30/23</u> Time <u>1200</u> Received by: (Signature) <u>Michelle Gonzalez</u> Date <u>6-30-23</u> Time <u>1200</u>														
Relinquished by: (Signature) <u>Michelle Gonzalez</u> Date <u>6-30-23</u> Time <u>1615</u> Received by: (Signature) <u>Andrew Muzzo</u> Date <u>6-30-23</u> Time <u>1700</u>														
Relinquished by: (Signature) <u>Andrew Muzzo</u> Date <u>6-30-23</u> Time <u>2230</u> Received by: (Signature) <u>Cathy Man</u> Date <u>7/5/23</u> Time <u>8:00</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

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program						
Project: <u>Soft Shell 22 Federal #4001</u>					Attention: <u>Devon</u>		Lab Work <u>E306248</u>		Job Number <u>010580007</u>				1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum					Address:		Analysis and Method										RCRA		
Address: 5614 N. Lovington Hwy.					City, State, Zip														
City, State, Zip: <u>Hobbs, NM, 88240</u>					Phone:														
Phone: 580-748-1613					Email:														
Email: tom@pimaoil.com					Pima Project # <u>331</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	State				Remarks	
9:40	6/29	S	1	SW1	21									NM CO UT AZ TX					
9:45				SW2	22														
9:50				SW3	23														
9:55				SW4	24														
10:00				BGI	25							X							
Additional Instructions: <u>W0#21190632</u>																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Michelle Cangel</u>																			
Relinquished by: (Signature) <u>Karine Adams</u>						Date <u>6/30/23</u>		Time <u>1200</u>		Received by: (Signature) <u>Michelle Cangel</u>						Date <u>6-30-23</u>		Time <u>1200</u>	
Relinquished by: (Signature) <u>Michelle Cangel</u>						Date <u>6-30-23</u>		Time <u>1615</u>		Received by: (Signature) <u>Andrew Musso</u>						Date <u>6-30-23</u>		Time <u>1700</u>	
Relinquished by: (Signature) <u>Andrew Musso</u>						Date <u>6-30-23</u>		Time <u>2230</u>		Received by: (Signature) <u>Carla Ma</u>						Date <u>7/5/23</u>		Time <u>8:00</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.																			

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:	07/05/23 08:00	Work Order ID:	E306248
Phone:	(575) 631-6977	Date Logged In:	06/30/23 16:52	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	07/11/23 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: 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? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Softshell 22 Federal #1H

Work Order: E406238

Job Number: 01058-0007

Received: 6/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/24

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: 7/1/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Softshell 22 Federal #1H
Workorder: E406238
Date Received: 6/26/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/26/2024 6:00:00AM, under the Project Name: Softshell 22 Federal #1H.

The analytical test results summarized in this report with the Project Name: Softshell 22 Federal #1H 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

Field Offices:

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ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/01/24 12:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-1 Surface	E406238-01A	Soil	06/18/24	06/26/24	Glass Jar, 2 oz.
S-2 Surface	E406238-02A	Soil	06/18/24	06/26/24	Glass Jar, 2 oz.
S-3 Surface	E406238-03A	Soil	06/18/24	06/26/24	Glass Jar, 2 oz.
S-4 Surface	E406238-04A	Soil	06/18/24	06/26/24	Glass Jar, 2 oz.
S-5 Surface	E406238-05A	Soil	06/18/24	06/26/24	Glass Jar, 2 oz.

Sample Data

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

Project Name: Softshell 22 Federal #1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/1/2024 12:56:18PM

S-1 Surface

E406238-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2426037	
Benzene	ND	0.0250	1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250	1	06/26/24	06/28/24	
Toluene	ND	0.0250	1	06/26/24	06/28/24	
o-Xylene	ND	0.0250	1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500	1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250	1	06/26/24	06/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.7 %	70-130	06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2426037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/24	06/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %	70-130	06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2426040	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/24	06/27/24	
<i>Surrogate: n-Nonane</i>		96.5 %	50-200	06/26/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2426041	
Chloride	47.5	20.0	1	06/26/24	06/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1H	Reported: 7/1/2024 12:56:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S-2 Surface
E406238-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2426037	
Benzene	ND	0.0250	1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250	1	06/26/24	06/28/24	
Toluene	ND	0.0250	1	06/26/24	06/28/24	
o-Xylene	ND	0.0250	1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500	1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250	1	06/26/24	06/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.0 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2426037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/24	06/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2426040	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/24	06/27/24	
<i>Surrogate: n-Nonane</i>						
	99.6 %	50-200		06/26/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2426041	
Chloride	36.8	20.0	1	06/26/24	06/26/24	



Sample Data

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

Project Name: Softshell 22 Federal #1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/1/2024 12:56:18PM

S-3 Surface

E406238-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2426037
Benzene	ND	0.0250	1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250	1	06/26/24	06/28/24	
Toluene	ND	0.0250	1	06/26/24	06/28/24	
o-Xylene	ND	0.0250	1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500	1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250	1	06/26/24	06/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.2 %	70-130	06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2426037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/24	06/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.0 %	70-130	06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2426040
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/24	06/27/24	
<i>Surrogate: n-Nonane</i>						
		96.8 %	50-200	06/26/24	06/27/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2426041
Chloride	33.9	20.0	1	06/26/24	06/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1H	Reported: 7/1/2024 12:56:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S-4 Surface
E406238-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2426037	
Benzene	ND	0.0250	1	06/26/24	06/29/24	
Ethylbenzene	ND	0.0250	1	06/26/24	06/29/24	
Toluene	ND	0.0250	1	06/26/24	06/29/24	
o-Xylene	ND	0.0250	1	06/26/24	06/29/24	
p,m-Xylene	ND	0.0500	1	06/26/24	06/29/24	
Total Xylenes	ND	0.0250	1	06/26/24	06/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		06/26/24	06/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2426037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/24	06/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.3 %	70-130		06/26/24	06/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2426040	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/24	06/27/24	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		06/26/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2426041	
Chloride	26.2	20.0	1	06/26/24	06/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1H	Reported: 7/1/2024 12:56:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S-5 Surface
E406238-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2426037	
Benzene	ND	0.0250	1	06/26/24	06/29/24	
Ethylbenzene	ND	0.0250	1	06/26/24	06/29/24	
Toluene	ND	0.0250	1	06/26/24	06/29/24	
o-Xylene	ND	0.0250	1	06/26/24	06/29/24	
p,m-Xylene	ND	0.0500	1	06/26/24	06/29/24	
Total Xylenes	ND	0.0250	1	06/26/24	06/29/24	
Surrogate: 4-Bromochlorobenzene-PID	91.5 %	70-130		06/26/24	06/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2426037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/24	06/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.0 %	70-130		06/26/24	06/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2426040	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/24	06/27/24	
Surrogate: n-Nonane	98.2 %	50-200		06/26/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2426041	
Chloride	47.9	20.0	1	06/26/24	06/26/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/1/2024 12:56:18PM

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 (2426037-BLK1) Prepared: 06/26/24 Analyzed: 06/28/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.19		8.00		89.9	70-130			

LCS (2426037-BS1) Prepared: 06/26/24 Analyzed: 06/28/24

Benzene	5.03	0.0250	5.00		101	70-130			
Ethylbenzene	4.88	0.0250	5.00		97.5	70-130			
Toluene	4.96	0.0250	5.00		99.2	70-130			
o-Xylene	4.83	0.0250	5.00		96.6	70-130			
p,m-Xylene	9.89	0.0500	10.0		98.9	70-130			
Total Xylenes	14.7	0.0250	15.0		98.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.23		8.00		90.3	70-130			

Matrix Spike (2426037-MS1) Source: E406237-08 Prepared: 06/26/24 Analyzed: 06/28/24

Benzene	4.65	0.0250	5.00	ND	93.1	54-133			
Ethylbenzene	4.53	0.0250	5.00	ND	90.7	61-133			
Toluene	4.61	0.0250	5.00	ND	92.2	61-130			
o-Xylene	4.52	0.0250	5.00	ND	90.3	63-131			
p,m-Xylene	9.23	0.0500	10.0	ND	92.3	63-131			
Total Xylenes	13.7	0.0250	15.0	ND	91.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.11		8.00		88.9	70-130			

Matrix Spike Dup (2426037-MSD1) Source: E406237-08 Prepared: 06/26/24 Analyzed: 06/28/24

Benzene	4.88	0.0250	5.00	ND	97.7	54-133	4.81	20	
Ethylbenzene	4.73	0.0250	5.00	ND	94.6	61-133	4.20	20	
Toluene	4.82	0.0250	5.00	ND	96.5	61-130	4.58	20	
o-Xylene	4.70	0.0250	5.00	ND	93.9	63-131	3.89	20	
p,m-Xylene	9.60	0.0500	10.0	ND	96.0	63-131	3.94	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.3	63-131	3.92	20	
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1H	Reported: 7/1/2024 12:56:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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 (2426037-BLK1) Prepared: 06/26/24 Analyzed: 06/28/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.2	70-130			

LCS (2426037-BS2) Prepared: 06/26/24 Analyzed: 06/28/24

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

Matrix Spike (2426037-MS2) Source: E406237-08 Prepared: 06/26/24 Analyzed: 06/28/24

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			

Matrix Spike Dup (2426037-MSD2) Source: E406237-08 Prepared: 06/26/24 Analyzed: 06/28/24

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	70-130	0.898	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/1/2024 12:56:18PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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 (2426040-BLK1)					Prepared: 06/26/24 Analyzed: 06/26/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.3		50.0		98.5	50-200			

LCS (2426040-BS1)					Prepared: 06/26/24 Analyzed: 06/26/24				
Diesel Range Organics (C10-C28)	289	25.0	250		115	38-132			
Surrogate: n-Nonane	52.1		50.0		104	50-200			

Matrix Spike (2426040-MS1)					Source: E406237-08		Prepared: 06/26/24 Analyzed: 06/26/24		
Diesel Range Organics (C10-C28)	299	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	49.9		50.0		99.7	50-200			

Matrix Spike Dup (2426040-MSD1)					Source: E406237-08		Prepared: 06/26/24 Analyzed: 06/26/24		
Diesel Range Organics (C10-C28)	310	25.0	250	ND	124	38-132	3.85	20	
Surrogate: n-Nonane	54.0		50.0		108	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/1/2024 12:56:18PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2426041-BLK1)					Prepared: 06/26/24 Analyzed: 06/26/24				
Chloride	ND	20.0							
LCS (2426041-BS1)					Prepared: 06/26/24 Analyzed: 06/26/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2426041-MS1)					Source: E406237-07		Prepared: 06/26/24 Analyzed: 06/26/24		
Chloride	277	20.0	250	26.5	100	80-120			
Matrix Spike Dup (2426041-MSD1)					Source: E406237-07		Prepared: 06/26/24 Analyzed: 06/26/24		
Chloride	282	20.0	250	26.5	102	80-120	1.62	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:	Softshell 22 Federal #1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/01/24 12:56

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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 Project: Softshell 22 Federal #1H Project Manager: Gio Gomez Address: 5614 N. Lovington Hwy. City, State, Zip Hobbs, NM, 88240 Phone: 806-782-1151 Email: gio@pimaoil.com Report due by:	Bill To		Lab Use Only		TAT				EPA Program			
	Attention: Devon		Lab WO# E406238		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA
	Address:									X		
	City, State, Zip											
	Phone:											
Email:												
Pima Project # 1-331												

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
1:30	6/18	S	1	S-1 Surface	1							X		
1:38	1	1	2	S-2 Surface	2									
1:46	1	1	3	S-3 Surface	3									
1:51	1	1	4	S-4 Surface	4									
1:58	1	1	5	S-5 Surface	5									

Additional Instructions:

nRM2010649724 - Bill to Devon - Billing# 21190632

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:

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) Karime Adame	Date 6-25-24	Time 1305	Received by: (Signature) [Signature]	Date 6-25-24	Time 1305	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Relinquished by: (Signature) [Signature]	Date 6-25-24	Time 1530	Received by: (Signature) [Signature]	Date 6-25-24	Time 1700	
Relinquished by: (Signature) [Signature]	Date 6-25-24	Time 2315	Received by: (Signature) [Signature]	Date 6-26-24	Time 0800	

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: 6/27/2024 12:29:48PM

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:	06/26/24 06:00	Work Order ID:	E406238
Phone:	(575) 631-6977	Date Logged In:	06/26/24 06:19	Logged In By:	Keyliegh Hall
Email:	gio@pimaoil.com	Due Date:	07/02/24 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? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Softshell 22 Federal #1

Work Order: E407221

Job Number: 01058-0007

Received: 7/29/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/29/24

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: 7/29/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Softshell 22 Federal #1
Workorder: E407221
Date Received: 7/29/2024 5:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/29/2024 5:00:00AM, under the Project Name: Softshell 22 Federal #1.

The analytical test results summarized in this report with the Project Name: Softshell 22 Federal #1 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
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/29/24 15:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 - 1.5'	E407221-01A	Soil	07/24/24	07/29/24	Glass Jar, 2 oz.
CSW1- 1.5'	E407221-02A	Soil	07/24/24	07/29/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Softshell 22 Federal #1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/29/2024 3:45:50PM
---	---	----------------------------------

CS1 - 1.5'

E407221-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2431006	
Benzene	ND	0.0250	1	07/29/24	07/29/24	
Ethylbenzene	ND	0.0250	1	07/29/24	07/29/24	
Toluene	ND	0.0250	1	07/29/24	07/29/24	
o-Xylene	ND	0.0250	1	07/29/24	07/29/24	
p,m-Xylene	ND	0.0500	1	07/29/24	07/29/24	
Total Xylenes	ND	0.0250	1	07/29/24	07/29/24	
Surrogate: 4-Bromochlorobenzene-PID	95.6 %	70-130		07/29/24	07/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2431006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/24	07/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		07/29/24	07/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2431001	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/24	07/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/24	07/29/24	
Surrogate: n-Nonane	114 %	50-200		07/29/24	07/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2431009	
Chloride	ND	20.0	1	07/29/24	07/29/24	



Sample Data

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

Project Name: Softshell 22 Federal #1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/29/2024 3:45:50PM

CSW1- 1.5'

E407221-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2431006	
Benzene	ND	0.0250	1	07/29/24	07/29/24	
Ethylbenzene	ND	0.0250	1	07/29/24	07/29/24	
Toluene	ND	0.0250	1	07/29/24	07/29/24	
o-Xylene	ND	0.0250	1	07/29/24	07/29/24	
p,m-Xylene	ND	0.0500	1	07/29/24	07/29/24	
Total Xylenes	ND	0.0250	1	07/29/24	07/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.4 %	70-130		07/29/24	07/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2431006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/24	07/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	106 %	70-130		07/29/24	07/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2431001	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/24	07/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/24	07/29/24	
<i>Surrogate: n-Nonane</i>	102 %	50-200		07/29/24	07/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2431009	
Chloride	ND	20.0	1	07/29/24	07/29/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/29/2024 3:45:50PM

Volatile Organics by EPA 8021B

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 (2431006-BLK1)

Prepared: 07/29/24 Analyzed: 07/29/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.9	70-130			

LCS (2431006-BS1)

Prepared: 07/29/24 Analyzed: 07/29/24

Benzene	5.06	0.0250	5.00		101	70-130			
Ethylbenzene	4.77	0.0250	5.00		95.4	70-130			
Toluene	5.00	0.0250	5.00		99.9	70-130			
o-Xylene	4.86	0.0250	5.00		97.2	70-130			
p,m-Xylene	9.83	0.0500	10.0		98.3	70-130			
Total Xylenes	14.7	0.0250	15.0		97.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			

LCS Dup (2431006-BSD1)

Prepared: 07/29/24 Analyzed: 07/29/24

Benzene	5.00	0.0250	5.00		100	70-130	1.03	20	
Ethylbenzene	4.73	0.0250	5.00		94.7	70-130	0.743	20	
Toluene	4.95	0.0250	5.00		99.0	70-130	0.952	20	
o-Xylene	4.83	0.0250	5.00		96.7	70-130	0.511	20	
p,m-Xylene	9.76	0.0500	10.0		97.6	70-130	0.657	20	
Total Xylenes	14.6	0.0250	15.0		97.3	70-130	0.609	20	
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/29/2024 3:45:50PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2431006-BLK1) Prepared: 07/29/24 Analyzed: 07/29/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.59		8.00		107	70-130			

LCS (2431006-BS2) Prepared: 07/29/24 Analyzed: 07/29/24

Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.56		8.00		107	70-130			

LCS Dup (2431006-BSD2) Prepared: 07/29/24 Analyzed: 07/29/24

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.7	70-130	14.2	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/29/2024 3:45:50PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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 (2431001-BLK1) Prepared: 07/29/24 Analyzed: 07/29/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.1		50.0		116	50-200			

LCS (2431001-BS1) Prepared: 07/29/24 Analyzed: 07/29/24

Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	53.9		50.0		108	50-200			

Matrix Spike (2431001-MS1) Source: E407223-05 Prepared: 07/29/24 Analyzed: 07/29/24

Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	52.0		50.0		104	50-200			

Matrix Spike Dup (2431001-MSD1) Source: E407223-05 Prepared: 07/29/24 Analyzed: 07/29/24

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	0.679	20	
Surrogate: n-Nonane	53.6		50.0		107	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Softshell 22 Federal #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/29/2024 3:45:50PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2431009-BLK1)					Prepared: 07/29/24 Analyzed: 07/29/24				
Chloride	ND	20.0							
LCS (2431009-BS1)					Prepared: 07/29/24 Analyzed: 07/29/24				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2431009-MS1)					Source: E407221-01		Prepared: 07/29/24 Analyzed: 07/29/24		
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2431009-MSD1)					Source: E407221-01		Prepared: 07/29/24 Analyzed: 07/29/24		
Chloride	247	20.0	250	ND	98.6	80-120	3.98	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:	Softshell 22 Federal #1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/29/24 15:45

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



[illegible]

Envirotech Analytical Laboratory

Printed: 7/29/2024 10:45:01AM

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:	07/29/24 05:00	Work Order ID:	E407221
Phone:	(575) 631-6977	Date Logged In:	07/26/24 16:13	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	07/29/24 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? No
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/Resolution

No. of containers and sampler name is missing in COC from client.

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.

District I
1625 N. French Dr., Hobbs, NM 88240
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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

QUESTIONS

Action 370561

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 370561
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2010649724
Incident Name	NRM2010649724 SOFTSHELL 22 FED #01H @ 30-015-39727
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-39727] SOFTSHELL 22 FEDERAL #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SOFTSHELL 22 FED #01H
Date Release Discovered	04/03/2020
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Valve Produced Water Released: 89 BBL Recovered: 30 BBL Lost: 59 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I

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

QUESTIONS, Page 2

Action 370561

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	370561
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 08/05/2024
--	--

District I

1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 370561

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 370561
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	3050
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	5345.4
GRO+DRO	(EPA SW-846 Method 8015M)	4335
BTEX	(EPA SW-846 Method 8021B or 8260B)	25.4
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/24/2024
On what date will (or did) the final sampling or liner inspection occur	06/24/2024
On what date will (or was) the remediation complete(d)	07/31/2024
What is the estimated surface area (in square feet) that will be reclaimed	200
What is the estimated volume (in cubic yards) that will be reclaimed	11
What is the estimated surface area (in square feet) that will be remediated	200
What is the estimated volume (in cubic yards) that will be remediated	11

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Action 370561

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	370561
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 08/05/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 370561

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 370561
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 370561

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	370561
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	366392
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/24/2024
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	200
What was the total volume (cubic yards) remediated	11
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	200
What was the total volume (in cubic yards) reclaimed	11
Summarize any additional remediation activities not included by answers (above)	see report

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 08/05/2024
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QUESTIONS, Page 7

Action 370561

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	370561
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 370561

CONDITIONS

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	6137
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	370561
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NRM2010649724 SOFTSHELL 22 FED #01H, thank you. This Remediation Closure Report is approved.	8/29/2024