Spill Volume(Bbls) Calculator *Inputs in blue, Outputs in red*		
Length(Ft)	Width(Ft)	Depth(In)
75.000	10.000	1.000
Cubic Feet Impacted		62.500
Barrels		11.13
Soil Type		Lined Containment
Bbls Assuming 100% Saturation		11.13
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels Released		11.20000

Instructions
1.Input spill measurements below. Length and width need to be input in feet and depth in inches. *2. Select a soil type from the drop down menu.* *3. Select a saturation level from the drop down menu.*
(For data gathering instructions see appendix tab)

Measurements	
Length (ft)	75
Width (ft)	10
Depth (in)	1.000

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

December 4, 2023

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

Bureau of Land Management
620 East Green Street
Carlsbad, NM 88220

Re: Site Assessment, Remediation, and Closure Report
Dexter/Sinclair Parke Tank Battery
API No. 30-015-30325
GPS: Latitude 32.81915 Longitude -103.95877
UL "J", Sec. 22, T17S, R30E
Eddy County, NM
NMOCD Ref. No. NAPP2322846505

Pima Environmental Services, LLC (Pima) has been contracted by Spur Energy to perform a spill assessment, remediation activities, and submit this closure report for a produced water release that occurred at the Dexter/Sinclair Parke Tank Battery (Dexter). The initial C-141 was submitted on August 16th, 2023 (Appendix C). This incident was assigned Incident ID NAPP2322846505, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

Dexter is located approximately 0.82 miles east of Loco Hills, NM. This spill site is in Unit J, Section 22, Township 17S, Range 30E, Latitude 32.81915, Longitude -103.95877, Eddy County, NM. Figure 1 references a location map.

As per the New Mexico Bureau of Geology and Mineral Resources, the geological classification encompasses Eolian and Piedmont Deposits (Holocene and middle Pleistocene), detailed in Appendix B. The soil composition in this vicinity predominantly consists of the Kermit-Berino complex, exhibiting 0 to 3 percent slopes, as indicated in the United States Department of Agriculture Natural Resources Conservation Service soil survey (refer to Appendix B). Drainage courses in this area are characterized as well-drained. Notably, the geographical data suggests a minimal likelihood of karst geology in the vicinity of Dexter (refer to Figure 3).

Based on information provided by the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this area is approximately 80 feet below grade surface (BGS), located around 1.6 miles from the site, as indicated by water well (RA11914 POD 1). Additionally, according to data from the United States Geological Survey (USGS), the closest groundwater well, USGS 325216103575701, is situated approximately 3.6 miles away and registers a water depth of 362.44 feet BGS. For precise locations, please refer to Appendix A, which contains a detailed water well map displaying both OSE and USGS well positions. Furthermore, a manmade pond, the closest waterway, is situated approximately 1.86 miles southeast of this site. Details regarding these water surveys are available in Appendix A for reference.

As there was insufficient groundwater data available, Spur Energy engaged a third-party vendor to drill a 101-foot water well positioned roughly 0.24 miles away from the Dexter. For a visual representation of the newly drilled water well's location along with a well log, please refer to Figure 4, included in the site map.

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

Reference Figure 2 for a Topographic map.

Release Information

Napp2322846505: On August 15th, 2023, high pressure and heat caused a 4-inch poly line to split, releasing produced water onto the engineered pad. Approximately 11 barrels of produced water were released, and 10 barrels were recovered. All contamination remained on the engineered pad.

Site Assessment and Soil Sampling Results

On August 16th, 2023, Spur deployed personnel to the site to carry out spill prevention measures. The origin of the release was successfully halted. Spur secured the affected area and ensured the removal and proper disposal of all standing liquids at an NMOCD-approved landfill. The release area highlighted in Figure 5 covers an approximate area of 3200 square feet.

On August 22nd, 2023, Pima Environmental Services initiated the mobilization of personnel to the site for delineation activities. Our team conducted sampling procedures covering the area spanning from the point of release to the westernmost limit of the engineered pad. A total of seven bottom samples (S1-S7) were acquired for vertical delineation, complemented by the collection of eight side wall samples (SW1-SW8) for horizontal delineation purposes. Samples S1 and S7 were gathered at depth intervals extending to 7 feet bgs (below ground surface), while samples S2 through S6 were collected at intervals reaching 4 feet bgs. Composite samples SW1, SW7, and SW8 were obtained as composites covering the range from the surface down to seven feet bgs. Additionally, composite samples SW2 through SW6 were specifically gathered from the surface to a depth of four feet bgs. Each sample from the side walls and bottom represents an area of no more than 200 square feet within the release area. The laboratory results from this sampling event are detailed in the accompanying data table. A full laboratory report can be found in Appendix E.

8-22-22 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is >100'								
SPUR ENERGY - Dexter - Sinclair Parke Battery								
Date: 8/22/2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	736	ND	736	2840
	3'	ND	ND	ND	27.1	ND	27.1	3280
	5'	ND	ND	ND	ND	ND	0	407
	7'	ND	ND	ND	ND	ND	0	65.3
S-2	1'	ND	ND	ND	ND	ND	0	452
	3'	ND	ND	ND	ND	ND	0	20.7
	4'	ND	ND	ND	ND	ND	0	56.1
S-3	1'	ND	ND	ND	ND	ND	0	375
	3'	ND	ND	ND	ND	ND	0	52.9
	4'	ND	ND	ND	ND	ND	0	36.2
S-4	1'	ND	ND	ND	ND	ND	0	4950
	3'	ND	ND	ND	ND	ND	0	86.6
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	471
	3'	ND	ND	ND	ND	ND	0	24.7
	4'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	ND	ND	0	125
	3'	ND	ND	ND	ND	ND	0	289
	4'	ND	ND	ND	ND	ND	0	64
S-7	1'	ND	ND	ND	ND	ND	0	16800
	3'	ND	ND	ND	ND	ND	0	733
	5'	ND	ND	ND	ND	ND	0	413
	7'	ND	ND	ND	ND	ND	0	35

SW1	0-7'	ND	ND	ND	ND	ND	ND	ND
SW2	0-4'	ND	ND	ND	ND	ND	ND	ND
SW3	0-4'	ND	ND	ND	ND	ND	ND	ND
SW4	0-4'	ND	ND	ND	ND	ND	ND	ND
SW5	0-4'	ND	ND	ND	ND	ND	ND	ND
SW6	0-4'	ND	ND	ND	ND	ND	ND	ND
SW7	0-7'	ND	ND	ND	ND	ND	ND	ND
SW8	0-7'	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

The approval (variance) allowing the use of delineation soil samples for closure without a 48-hour prior notification has been officially recorded in Appendix C for your reference.

Cultural Survey

On September 29th, 2023, Jeffrey Pangburn from APAC conducted a Class III archaeological survey for the Dexter Sinclair Parke tank battery pad. This survey was commissioned for the cleanup operations related to an inadvertent release on the tank battery pad, situated in section 22 of T 17 S R 30 E in Eddy County, New Mexico. The cultural resource inventory was performed at the request of Sebastian Orozco from Pima Environmental Services, LLC. The project was carried out to adhere to or surpass the current professional standards for cultural surveys set by the Bureau of Land Management Carlsbad Field Office (BLM-CFO).

Pima Environmental Services, LLC provided kmz and kml files delineating the location of the accidental release area, which spans approximately 0.13 acres. A 100-foot cultural buffer was established around the release site, resulting in a total survey area of about 1.91 acres. The surveyed area for this project covered a total of 1.91 acres. The direct impact of the project within the release area measures approximately 0.13 acres, while the indirect impact extends to about 1.78 acres.

The proposed project traverses through low hills within a semi-arid desert environment in Eddy County, New Mexico. The project area includes the existing tank battery, lease road, flow lines, fence line, OHE (Overhead Electric), and various other oilfield developments. The survey area designated for the cleanup operations is depicted on the attached project map. The project's geographical coordinates were obtained using a survey-grade handheld GPS device.

It was determined that the proposed project area designated for cleanup operations would undergo a survey with a 100-foot cultural buffer centered around the accidental release site. The affected area resulting from the accidental release is estimated to cover approximately 0.13 acres.

The cultural investigation was conducted through a pedestrian survey, employing a single field personnel walking at 15-meter intervals to ensure comprehensive coverage of the survey area (100% coverage). This survey was formulated to align with, but not limited to, the stipulated requirements outlined in the BLM Manual Supplement H-8100-1 for New Mexico, Oklahoma, and Texas, specifically detailing the Procedures for Performing Cultural Resource Fieldwork on Public Lands in New Mexico BLM Responsibilities in 2002. These standards draw authority, in part, from Section 106 of the National Historic Preservation Act of 1966, the Antiquities Act of 1906, and the Historic Sites Act of 1935, in addition to all other pertinent federal and state laws governing the preservation and safeguarding of cultural resources. A cultural resource survey can be found in Appendix F.

Closure Request

After careful review, Pima requests that this incident, NAPP2322846505, be closed. Spur Energy has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Sebastian Orozco at 619-721-4813 or Sebastian@pimaoil.com.

Respectfully,

Sebastian Orozco

Sebastian Orozco
Environmental Project Manager
Pima Environmental Services, LLC

Attachments

Figures:
1- Location Map
2- Topographic Map
3- Karst Map
4- Water Well Location Map and Drill Report
5- Site Map

Appendices:
Appendix A – Referenced Water Surveys
Appendix B – Soil Survey and Geological Map
Appendix C – C-141 Form and Approved Variance Request
Appendix D – Photographic Documentation
Appendix E – Laboratory Reports
Appendix F – Cultural Resource Survey

Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

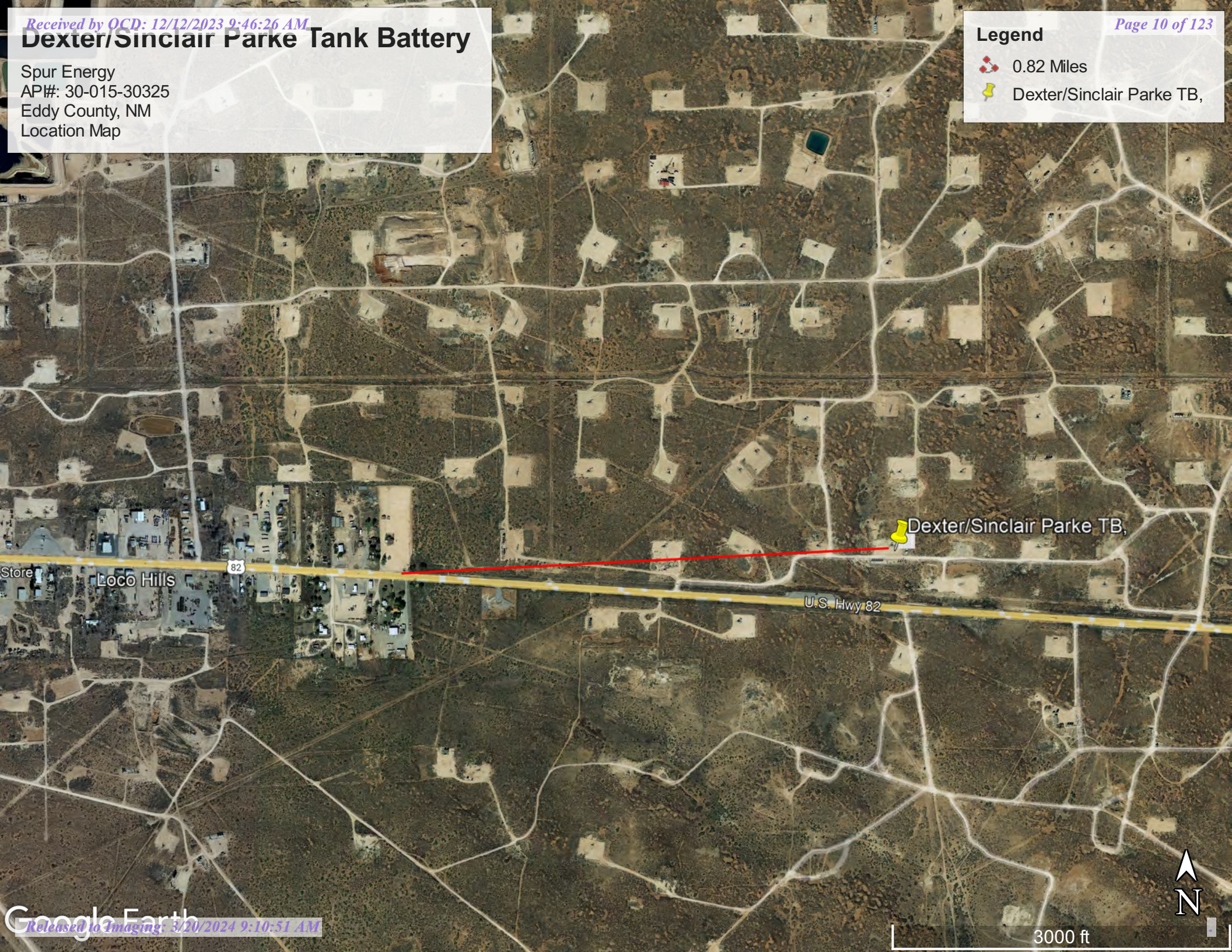
3-Karst Map

4-Water Well Location Map and Drill Report

5-Site Map

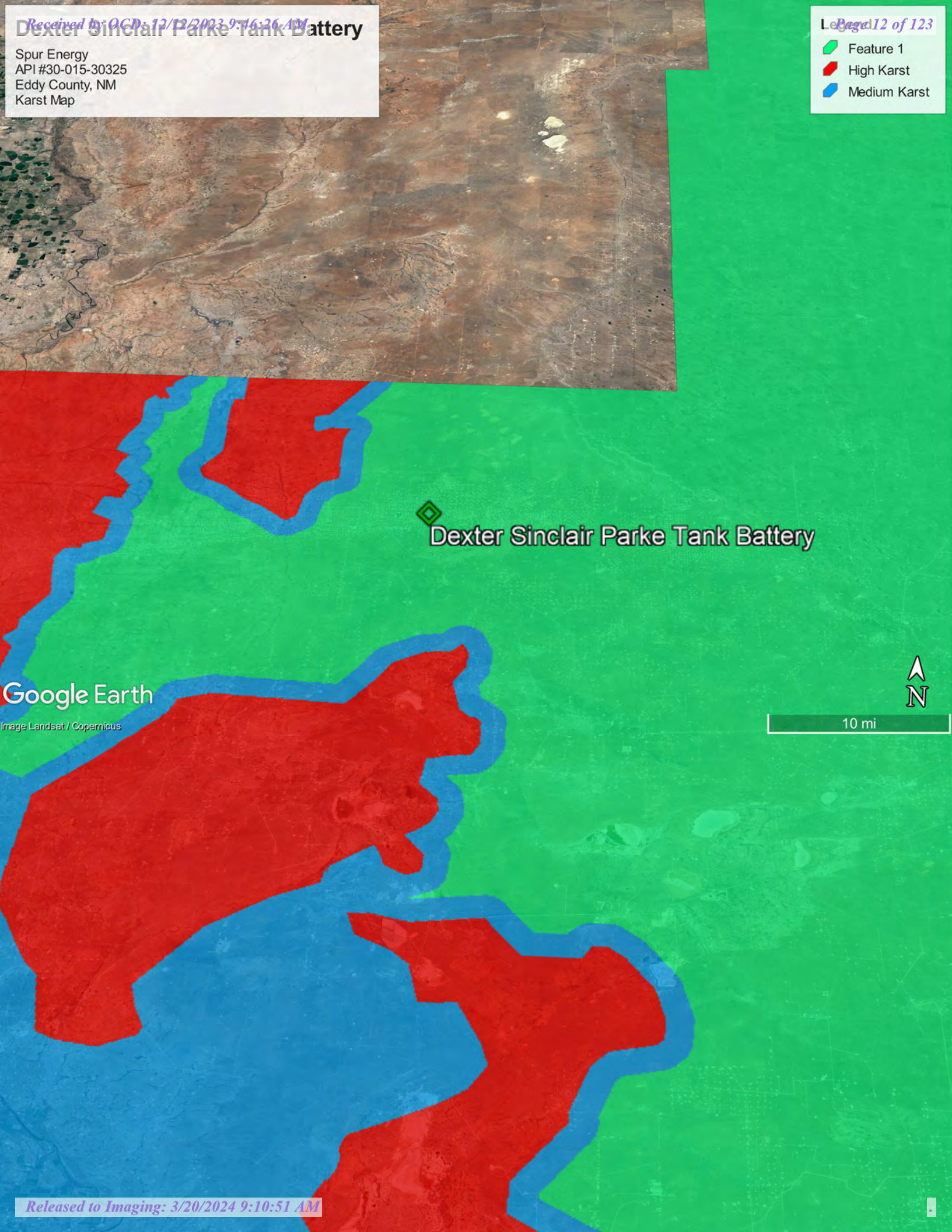
Dexter/Sinclair Parke Tank Battery

Spur Energy
API#: 30-015-30325
Eddy County, NM
Location Map



Dexter Sinclair Parke Tank Battery

Spur Energy
API #30-015-30325
Eddy County, NM
Topographic Map



Dexter/Sinclair Parke Tank Battery

Spur Energy
API#: 30-015-30325
Eddy County, NM
Water Well Location Map

E SE

60 90 120 150

119° E (T) 32.822145, -103.960833 ±3 m 1102m

105ft. Exploratory Water Bore

Sinclair Parke #003

E SE

60 90 120 150

106° E (T) 32.822146, -103.960831 ±3 m 1103m

POWERS ELECTRIC PRODUCTS COMPANY
1126 N. Marks Avenue
Fresno, California 93722
(559) 275-3030 Fax (559) 275-2657

CABLE LENGTH 500 FEET

0 5 10 15 20
D.C.
MILLIAMPERES
PEPCO

ON
OFF

105ft. Exploratory Water Bore

Sinclair Parke #003

SOIL BORE LOG

Project:	Sinclair Parke #003	**Date:**	November 14, 2023
Type:	Exploratory Water Bore	**Location:**	32.822145, -103.960833

Depth	Soil Type	Classification	Comments
0-5’	Caliche 100%		
10’	Sand/Caliche		Sand-75% Caliche-25%
15’	Sand		
20’	Sand/Caliche		Sand-75% Caliche-25%
25’	Sand/Caliche		Sand-10% Caliche-90%
30’-40’	Sand/Red Clay		Sand-80% Red Clay-20%
45’-65’	Sand/Red Clay		Sand-60% Red Clay-40%
70’	Sand/Caliche		Sand-25% Caliche-75%
75-105’	Sand/ Red Clay		Sand-60% Red Clay-40%
Total Depth - 105’			Dry Hole- 11/14/2023 Dry Hole- 11/27/2023

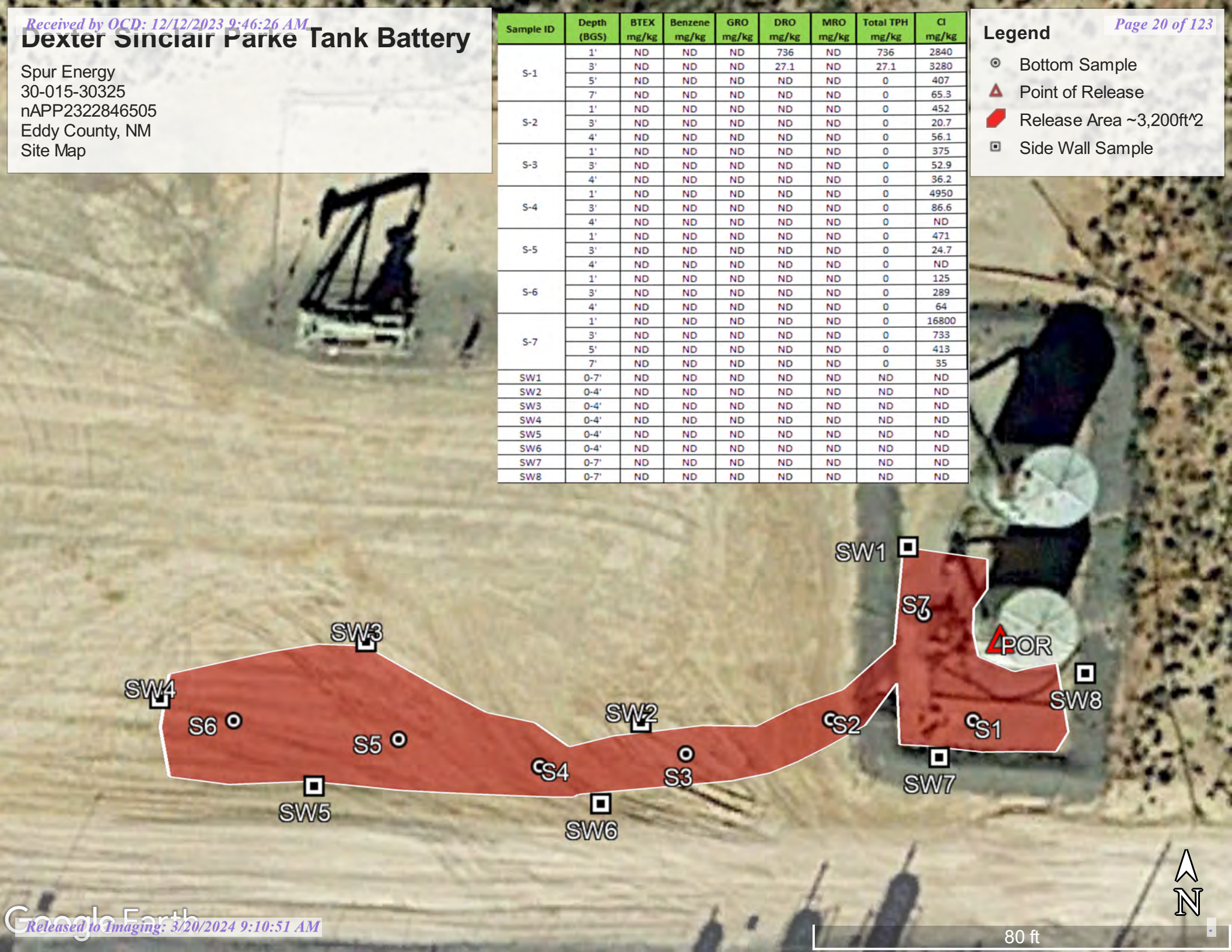
Dexter Sinclair Parke Tank Battery

Spur Energy
30-015-30325
nAPP2322846505
Eddy County, NM
Site Map

Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	736	ND	736	2840
	3'	ND	ND	ND	27.1	ND	27.1	3280
	5'	ND	ND	ND	ND	ND	0	407
	7'	ND	ND	ND	ND	ND	0	65.3
S-2	1'	ND	ND	ND	ND	ND	0	452
	3'	ND	ND	ND	ND	ND	0	20.7
	4'	ND	ND	ND	ND	ND	0	56.1
S-3	1'	ND	ND	ND	ND	ND	0	375
	3'	ND	ND	ND	ND	ND	0	52.9
	4'	ND	ND	ND	ND	ND	0	36.2
S-4	1'	ND	ND	ND	ND	ND	0	4950
	3'	ND	ND	ND	ND	ND	0	86.6
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	471
	3'	ND	ND	ND	ND	ND	0	24.7
	4'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	ND	ND	0	125
	3'	ND	ND	ND	ND	ND	0	289
	4'	ND	ND	ND	ND	ND	0	64
S-7	1'	ND	ND	ND	ND	ND	0	16800
	3'	ND	ND	ND	ND	ND	0	733
	5'	ND	ND	ND	ND	ND	0	413
	7'	ND	ND	ND	ND	ND	0	35
SW1	0-7'	ND	ND	ND	ND	ND	ND	ND
SW2	0-4'	ND	ND	ND	ND	ND	ND	ND
SW3	0-4'	ND	ND	ND	ND	ND	ND	ND
SW4	0-4'	ND	ND	ND	ND	ND	ND	ND
SW5	0-4'	ND	ND	ND	ND	ND	ND	ND
SW6	0-4'	ND	ND	ND	ND	ND	ND	ND
SW7	0-7'	ND	ND	ND	ND	ND	ND	ND
SW8	0-7'	ND	ND	ND	ND	ND	ND	ND

Legend

- Bottom Sample
- Point of Release
- Release Area ~3,200ft^2
- Side Wall Sample



Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 13288 POD1		RA	ED	2	3	4	14	17S	30E	599169	3632911	2078	101		
RA 11914 POD1		RA	ED	2	4	2	20	17S	30E	594801	3632002	2682	85	80	5
RA 13289 POD1		RA	ED	1	1	2	13	17S	30E	600611	3634171	3986	101		
RA 13284 POD1		RA	ED	2	1	4	08	17S	30E	594450	3634729	4264			

Average Depth to Water: **80 feet**

Minimum Depth: **80 feet**

Maximum Depth: **80 feet**

Record Count: 4

Basin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Easting (X): 597468.42 **Northing (Y):** 3631717.62 **Radius:** 5000

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews 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 =

- 325216103575701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

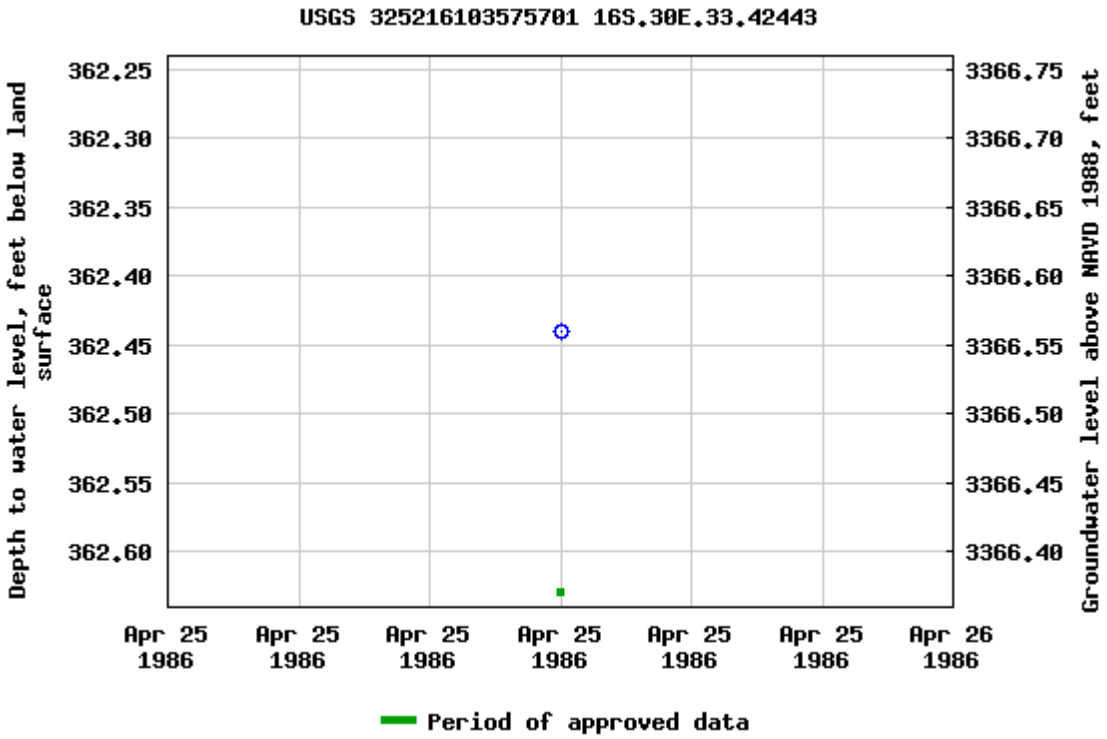
USGS 325216103575701 16S.30E.33.42443

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°52'16", Longitude 103°57'57" NAD27
Land-surface elevation 3,729 feet above NAVD88
The depth of the well is 385 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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

Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2023-08-22 13:09:20 EDT
0.55 0.47 nadww02

Dexter Sinclair Parke Tank Battery

Spur Energy
API #30-015-30325
Eddy County, NM
Surface Water Map

Dexter Sinclair Parke Tank Battery

Man-Made Pond

1 Path

Feature 1

N

4000 ft

Pima Environmental Services

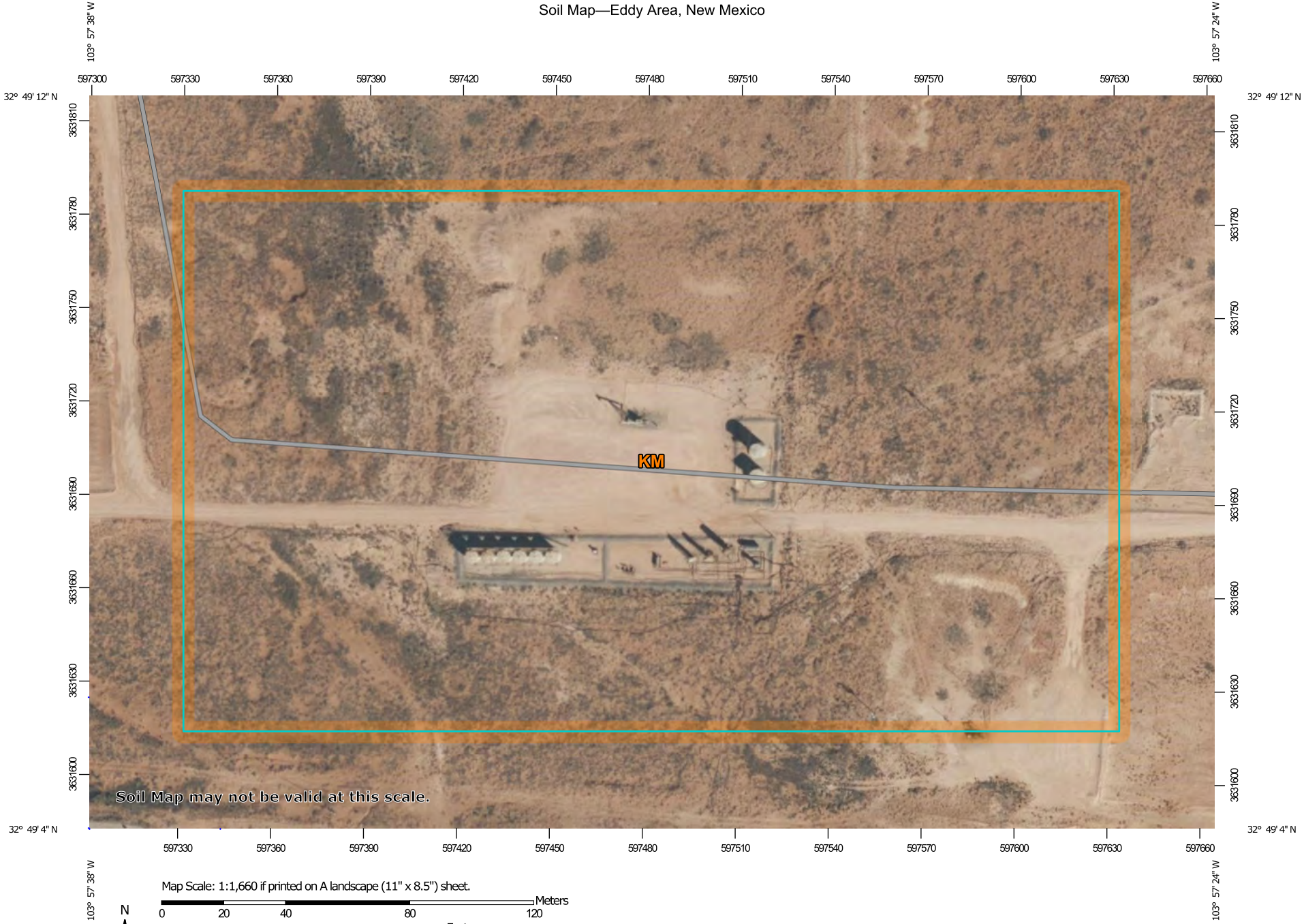
Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

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

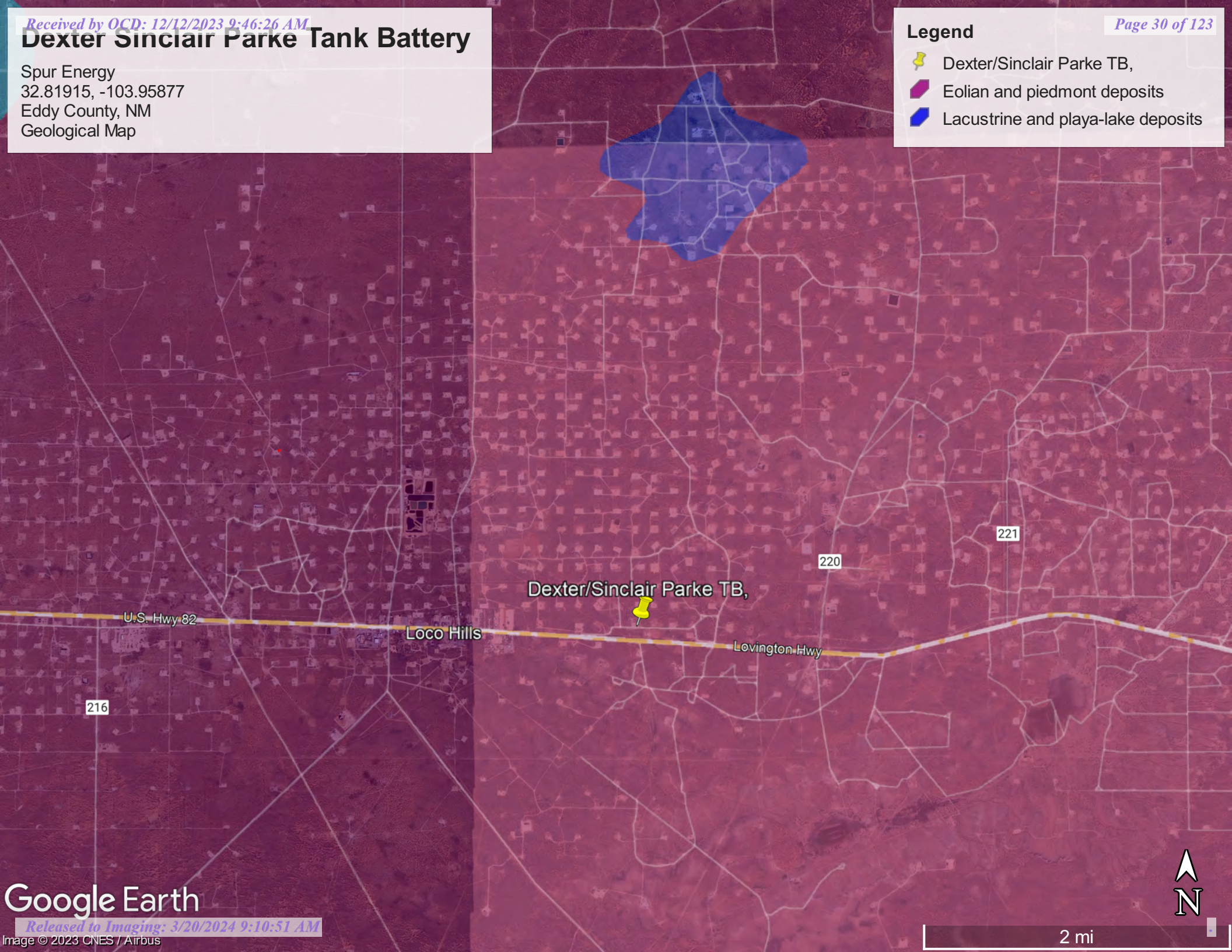
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	13.0	100.0%
Totals for Area of Interest		**13.0**	**100.0%**

Dexter Sinclair Parke Tank Battery

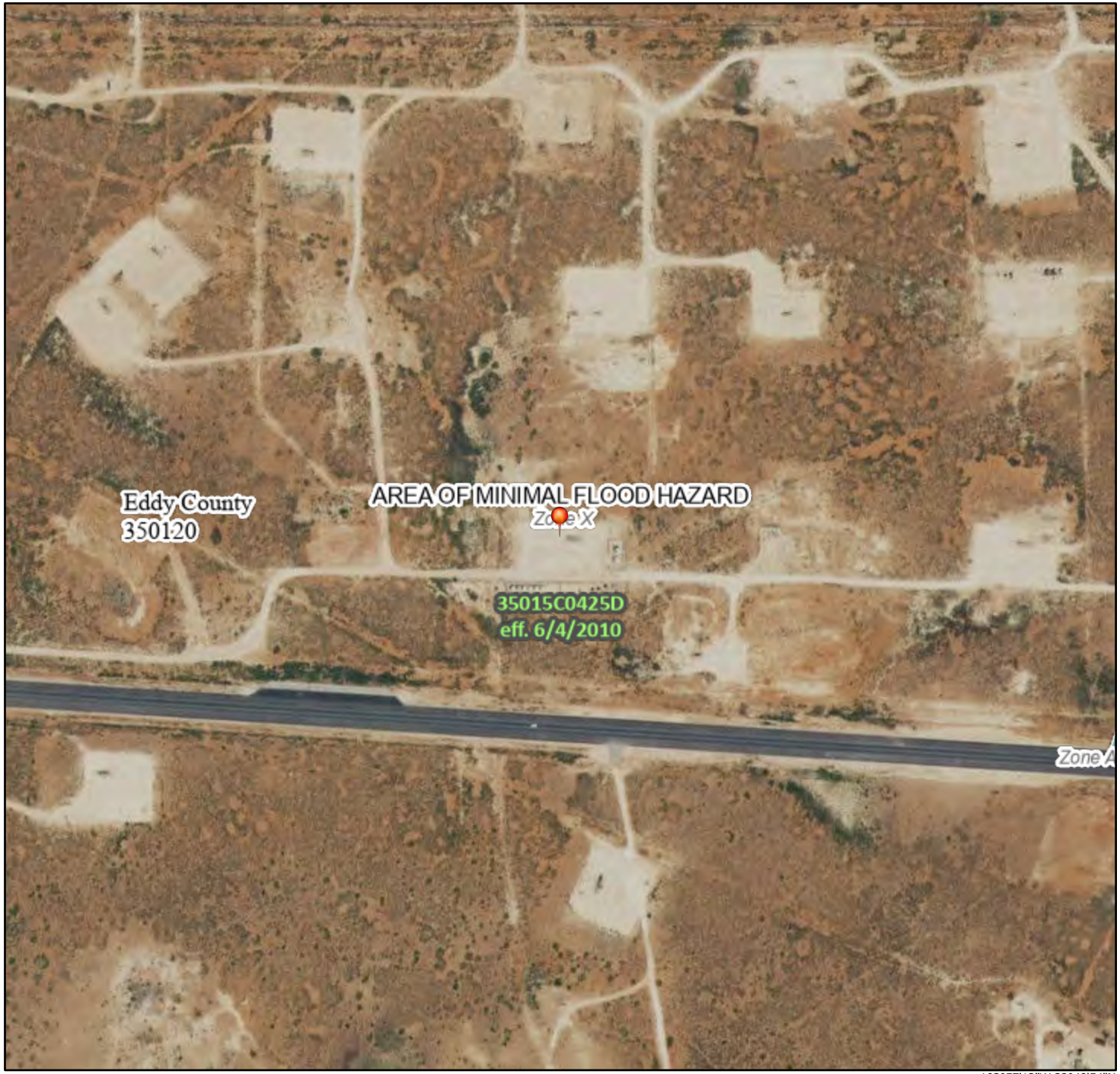
Spur Energy
32.81915, -103.95877
Eddy County, NM
Geological Map



National Flood Hazard Layer FIRMette

FEMA

103°57'50"W 32°49'24"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°57'13"W 32°48'54"N

Basemap Imagery Source: USGS National Map 2023

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
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

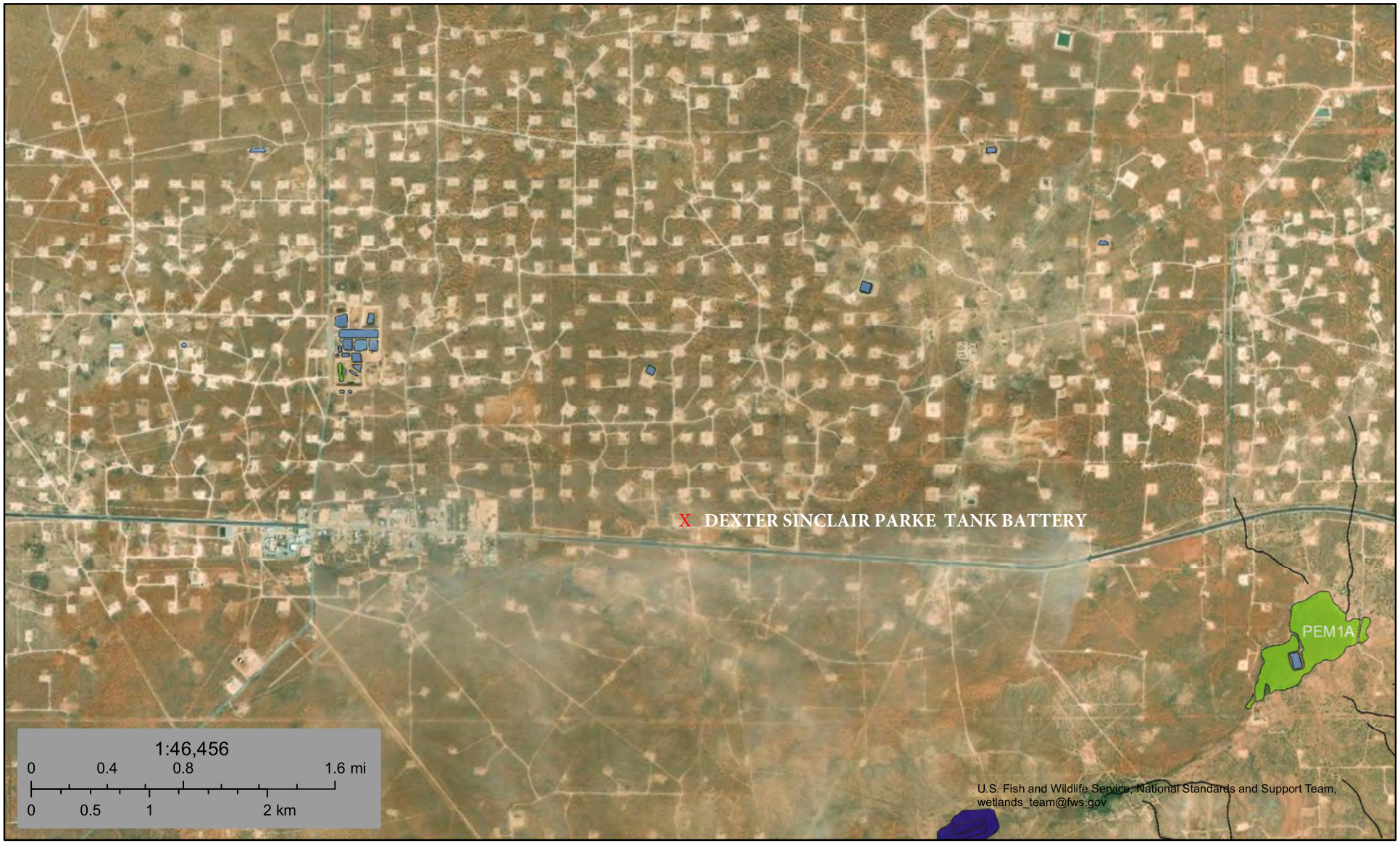
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/22/2023 at 3:04 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.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map



August 22, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Pima Environmental Services

Appendix C

C-141 Form

Approved Variance Request

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	nAPP2322846505
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Spur Energy Partners LLC	OGRID	328947
Contact Name	Katherine Purvis	Contact Telephone	(575) 441-8619
Contact email	katherine.purvis@spurenergy.com	Incident # *(assigned by OCD)*	nAPP2322846505
Contact mailing address	9655 Katy Freeway; Houston, TX 77024		

Location of Release Source

Latitude 32.81915 Longitude -103.95877

(NAD 83 in decimal degrees to 5 decimal places)

Site Name	DEXTER/SINCLAIR PARKE TANK BATTERY	Site Type	TANK BATTERY
Date Release Discovered	08/15/2023	API# *(if applicable)*	30-015-30325

Unit Letter	Section	Township	Range	County
J	22	17S	30E	EDDY

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls) 11 BBLS	Volume Recovered (bbls) 10 BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ■ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

HIGH PRESSURE AND HEAT CAUSED A 4 INCH POLY LINE TO SPLIT RELEASING PRODUCED WATER

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2322846505
District RP	
Facility ID	
Application ID	

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

Initial Response

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

- ■ The source of the release has been stopped.
- ■ The impacted area has been secured to protect human health and the environment.
- ■ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ■ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

N/A

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: Katherine Purvis Title: EHS Coordinator

Signature: Katherine Purvis Date: 08/16/2023

email: katherine.purvis@spurenergy.com Telephone: (575) 441-8619

OCD Only

Received by: Shelly Wells Date: 8/16/2023

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2322846505
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2322846505
District RP	
Facility ID	
Application ID	

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

Printed Name: Katherine Purvis Title: EHS Coordinator

Signature: Katherine Purvis Date: 12/12/2023

email: katherine.purvis@spurenergy.com Telephone: 575-441-8619

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2322846505
District RP	
Facility ID	
Application ID	

Closure

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

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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

Printed Name: Katherine Purvis Title: EHS Coordinator

Signature: Katherine Purvis Date: 12/12/2023

email: katherine.purvis@spurenergy.com Telephone: 575-441-8619

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Sebastian@pimaoil.com

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Tuesday, November 28, 2023 2:12 PM
To: sebastian@pimaoil.com
Subject: Re: [EXTERNAL] Dexter Sinclair Parke Battery NAPP2322846505 - Closure Report

Good afternoon Sebastian,

Your variance request is approved.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: sebastian@pimaoil.com <sebastian@pimaoil.com>
Sent: Tuesday, November 28, 2023 1:51 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: [EXTERNAL] Dexter Sinclair Parke Battery NAPP2322846505 - Closure Report

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon Nelson,

Following our prior discussion, I am respectfully requesting a variance due to the absence of a 48-hour notification concerning the sampling event for the Dexter Sinclair release. Moreover, I have attached the final closure report for your review. I welcome any feedback you may have. Thank you for your attention to this matter.

Respectfully

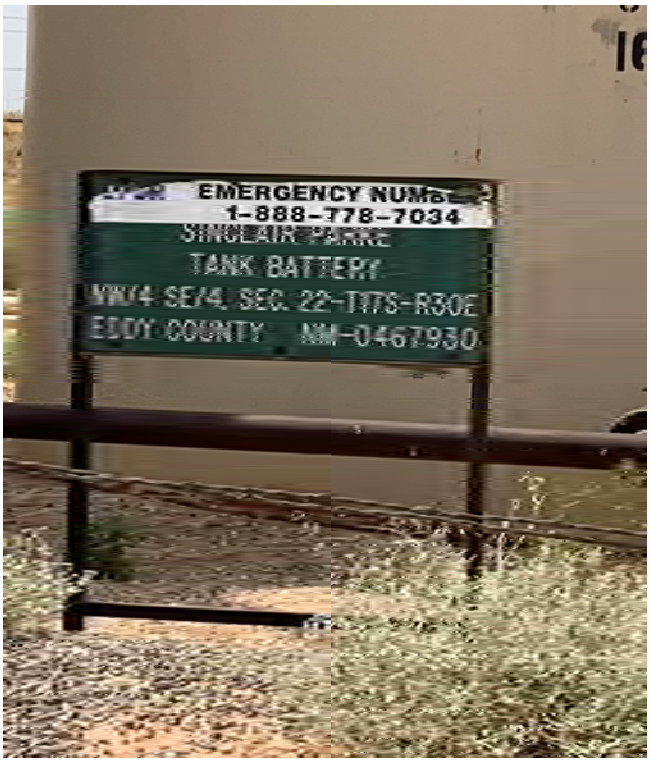
Pima Environmental Services

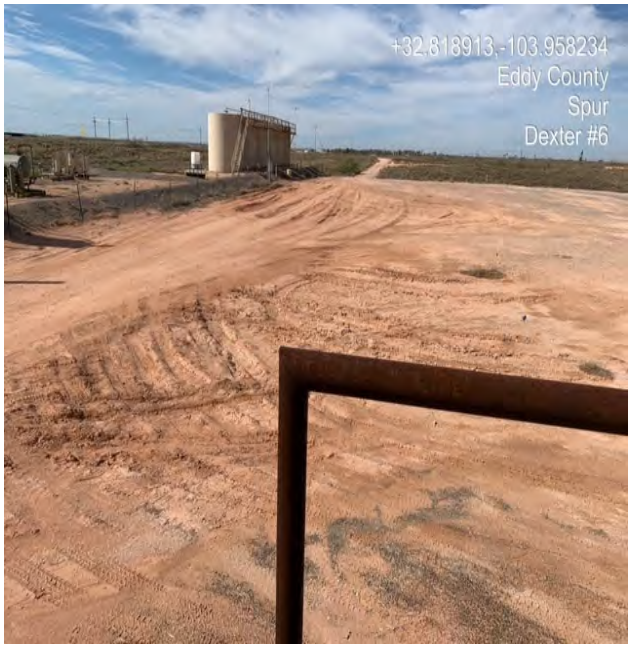
Appendix D

Photographic Documentation

SITE PHOTOGRAPHS
SPUR ENERGY PARTNERS
Dexter- Sinclair Parke Battery

Photo Log






+32.818913,-103.958234
Eddy County
Spur
Dexter #6


+32.819085,-103.958313
Eddy County
Spur
Dexter #6

Pima Environmental Services

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:	Dexter - Sinclair Parke Battery
Work Order:	E308182
Job Number:	21068-0001
Received:	8/25/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/30/23

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: 8/30/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Dexter - Sinclair Parke Battery
Workorder: E308182
Date Received: 8/25/2023 5:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/25/2023 5:30:00AM, under the Project Name: Dexter - Sinclair Parke Battery.

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

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

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

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

Respectfully,

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

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/30/23 14:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E308182-01A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S1 - 3'	E308182-02A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S1 - 5'	E308182-03A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S1 - 7'	E308182-04A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S2 - 1'	E308182-05A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S2 - 3'	E308182-06A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S2 - 4'	E308182-07A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S3 - 1'	E308182-08A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S3 - 3'	E308182-09A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S3 - 4'	E308182-10A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S4 - 1'	E308182-11A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S4 - 3'	E308182-12A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S4 - 4'	E308182-13A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S5 - 1'	E308182-14A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S5 - 3'	E308182-15A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S5 - 4'	E308182-16A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S6 - 1'	E308182-17A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S6 - 3'	E308182-18A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S6 - 4'	E308182-19A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S7 - 1'	E308182-20A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S7 - 3'	E308182-21A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S7 - 5'	E308182-22A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.
S7 - 7'	E308182-23A	Soil	08/22/23	08/25/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S1 - 1'

E308182-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/25/23	
Toluene	ND	0.0250	1	08/25/23	08/25/23	
o-Xylene	ND	0.0250	1	08/25/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	**736**	500	20	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	1000	20	08/28/23	08/29/23	
Surrogate: n-Nonane		*87.4 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**2840**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S1 - 3'

E308182-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/25/23	
Toluene	ND	0.0250	1	08/25/23	08/25/23	
o-Xylene	ND	0.0250	1	08/25/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	**27.1**	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*90.6 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**3280**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S1 - 5'

E308182-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/25/23	
Toluene	ND	0.0250	1	08/25/23	08/25/23	
o-Xylene	ND	0.0250	1	08/25/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*88.7 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**407**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S1 - 7'

E308182-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/25/23	
Toluene	ND	0.0250	1	08/25/23	08/25/23	
o-Xylene	ND	0.0250	1	08/25/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**65.3**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S2 - 1'

E308182-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/25/23	
Toluene	ND	0.0250	1	08/25/23	08/25/23	
o-Xylene	ND	0.0250	1	08/25/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*86.4 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**452**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S2 - 3'

E308182-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/25/23	
Toluene	ND	0.0250	1	08/25/23	08/25/23	
o-Xylene	ND	0.0250	1	08/25/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**20.7**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S2 - 4'

E308182-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/25/23	
Toluene	ND	0.0250	1	08/25/23	08/25/23	
o-Xylene	ND	0.0250	1	08/25/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*93.3 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**56.1**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S3 - 1'

E308182-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/25/23	
Toluene	ND	0.0250	1	08/25/23	08/25/23	
o-Xylene	ND	0.0250	1	08/25/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*93.0 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**375**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S3 - 3'

E308182-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/25/23	
Toluene	ND	0.0250	1	08/25/23	08/25/23	
o-Xylene	ND	0.0250	1	08/25/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*91.5 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**52.9**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S3 - 4'

E308182-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/25/23	
Toluene	ND	0.0250	1	08/25/23	08/25/23	
o-Xylene	ND	0.0250	1	08/25/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/25/23	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*08/25/23*	*08/25/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**36.2**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S4 - 1'

E308182-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/26/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/26/23	
Toluene	ND	0.0250	1	08/25/23	08/26/23	
o-Xylene	ND	0.0250	1	08/25/23	08/26/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/26/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*88.6 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**4950**	40.0	2	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S4 - 3'

E308182-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/26/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/26/23	
Toluene	ND	0.0250	1	08/25/23	08/26/23	
o-Xylene	ND	0.0250	1	08/25/23	08/26/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/26/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*89.2 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**86.6**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S4 - 4'

E308182-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/26/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/26/23	
Toluene	ND	0.0250	1	08/25/23	08/26/23	
o-Xylene	ND	0.0250	1	08/25/23	08/26/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/26/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*93.2 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	ND	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S5 - 1'

E308182-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/26/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/26/23	
Toluene	ND	0.0250	1	08/25/23	08/26/23	
o-Xylene	ND	0.0250	1	08/25/23	08/26/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/26/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**471**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S5 - 3'

E308182-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/26/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/26/23	
Toluene	ND	0.0250	1	08/25/23	08/26/23	
o-Xylene	ND	0.0250	1	08/25/23	08/26/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/26/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*91.3 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**24.7**	20.0	1	08/28/23	08/28/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S5 - 4'

E308182-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/26/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/26/23	
Toluene	ND	0.0250	1	08/25/23	08/26/23	
o-Xylene	ND	0.0250	1	08/25/23	08/26/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/26/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*91.7 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	ND	20.0	1	08/28/23	08/29/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S6 - 1'

E308182-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/26/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/26/23	
Toluene	ND	0.0250	1	08/25/23	08/26/23	
o-Xylene	ND	0.0250	1	08/25/23	08/26/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/26/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*91.1 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**125**	20.0	1	08/28/23	08/29/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S6 - 3'

E308182-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/26/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/26/23	
Toluene	ND	0.0250	1	08/25/23	08/26/23	
o-Xylene	ND	0.0250	1	08/25/23	08/26/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/26/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*94.3 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**289**	20.0	1	08/28/23	08/29/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S6 - 4'

E308182-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/26/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/26/23	
Toluene	ND	0.0250	1	08/25/23	08/26/23	
o-Xylene	ND	0.0250	1	08/25/23	08/26/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/26/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*92.3 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**64.0**	20.0	1	08/28/23	08/29/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S7 - 1'

E308182-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Benzene	ND	0.0250	1	08/25/23	08/26/23	
Ethylbenzene	ND	0.0250	1	08/25/23	08/26/23	
Toluene	ND	0.0250	1	08/25/23	08/26/23	
o-Xylene	ND	0.0250	1	08/25/23	08/26/23	
p,m-Xylene	ND	0.0500	1	08/25/23	08/26/23	
Total Xylenes	ND	0.0250	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334084
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/23	08/26/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*08/25/23*	*08/26/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/25/23*	*08/26/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335002
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/29/23	
Surrogate: n-Nonane		*94.6 %*	*50-200*	*08/28/23*	*08/29/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335009
Chloride	**16800**	400	20	08/28/23	08/29/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S7 - 3'

E308182-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334077
Benzene	ND	0.0250	1	08/24/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/24/23	08/25/23	
Toluene	ND	0.0250	1	08/24/23	08/25/23	
o-Xylene	ND	0.0250	1	08/24/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/24/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/24/23	08/25/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/24/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/24/23	08/25/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/24/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335022
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/28/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*08/28/23*	*08/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335015
Chloride	**733**	20.0	1	08/28/23	08/29/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S7 - 5'

E308182-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334077
Benzene	ND	0.0250	1	08/24/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/24/23	08/25/23	
Toluene	ND	0.0250	1	08/24/23	08/25/23	
o-Xylene	ND	0.0250	1	08/24/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/24/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/24/23	08/25/23	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/24/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/24/23	08/25/23	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/24/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335022
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/28/23	
Surrogate: n-Nonane		*97.3 %*	*50-200*	*08/28/23*	*08/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335015
Chloride	**413**	20.0	1	08/28/23	08/29/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

S7 - 7'

E308182-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2334077
Benzene	ND	0.0250	1	08/24/23	08/25/23	
Ethylbenzene	ND	0.0250	1	08/24/23	08/25/23	
Toluene	ND	0.0250	1	08/24/23	08/25/23	
o-Xylene	ND	0.0250	1	08/24/23	08/25/23	
p,m-Xylene	ND	0.0500	1	08/24/23	08/25/23	
Total Xylenes	ND	0.0250	1	08/24/23	08/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/24/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2334077
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/24/23	08/25/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*08/24/23*	*08/25/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/24/23*	*08/25/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335022
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/23	08/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/23	08/28/23	
Surrogate: n-Nonane		*98.8 %*	*50-200*	*08/28/23*	*08/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335015
Chloride	**35.0**	20.0	1	08/28/23	08/29/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

Volatile Organic Compounds by EPA 8260B

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 (2334077-BLK1)									Prepared: 08/24/23 Analyzed: 08/25/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.512*		*0.500*		*102*	*70-130*			
LCS (2334077-BS1)									Prepared: 08/24/23 Analyzed: 08/25/23
Benzene	3.06	0.0250	2.50		122	70-130			
Ethylbenzene	2.85	0.0250	2.50		114	70-130			
Toluene	2.94	0.0250	2.50		118	70-130			
o-Xylene	2.97	0.0250	2.50		119	70-130			
p,m-Xylene	5.90	0.0500	5.00		118	70-130			
Total Xylenes	8.87	0.0250	7.50		118	70-130			
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			
LCS Dup (2334077-BSD1)									Prepared: 08/24/23 Analyzed: 08/25/23
Benzene	2.77	0.0250	2.50		111	70-130	9.95	23	
Ethylbenzene	2.60	0.0250	2.50		104	70-130	9.02	27	
Toluene	2.67	0.0250	2.50		107	70-130	9.86	24	
o-Xylene	2.73	0.0250	2.50		109	70-130	8.34	27	
p,m-Xylene	5.39	0.0500	5.00		108	70-130	8.99	27	
Total Xylenes	8.13	0.0250	7.50		108	70-130	8.77	27	
Surrogate: Bromofluorobenzene	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

Volatile Organic Compounds by EPA 8260B

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 (2334084-BLK1)									Prepared: 08/25/23 Analyzed: 08/25/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.519*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.464*		*0.500*		*92.8*	*70-130*			
Surrogate: Toluene-d8	*0.511*		*0.500*		*102*	*70-130*			
LCS (2334084-BS1)									Prepared: 08/25/23 Analyzed: 08/25/23
Benzene	2.86	0.0250	2.50		114	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.60	0.0250	2.50		104	70-130			
o-Xylene	2.79	0.0250	2.50		111	70-130			
p,m-Xylene	5.45	0.0500	5.00		109	70-130			
Total Xylenes	8.24	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	*0.528*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: Toluene-d8	*0.490*		*0.500*		*97.9*	*70-130*			
Matrix Spike (2334084-MS1)				**Source: E308182-01**					Prepared: 08/25/23 Analyzed: 08/25/23
Benzene	2.85	0.0250	2.50	ND	114	48-131			
Ethylbenzene	2.72	0.0250	2.50	ND	109	45-135			
Toluene	2.73	0.0250	2.50	ND	109	48-130			
o-Xylene	2.95	0.0250	2.50	ND	118	43-135			
p,m-Xylene	5.84	0.0500	5.00	ND	117	43-135			
Total Xylenes	8.78	0.0250	7.50	ND	117	43-135			
Surrogate: Bromofluorobenzene	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.468*		*0.500*		*93.6*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2334084-MSD1)				**Source: E308182-01**					Prepared: 08/25/23 Analyzed: 08/25/23
Benzene	2.79	0.0250	2.50	ND	112	48-131	2.04	23	
Ethylbenzene	2.67	0.0250	2.50	ND	107	45-135	1.67	27	
Toluene	2.71	0.0250	2.50	ND	108	48-130	0.901	24	
o-Xylene	2.93	0.0250	2.50	ND	117	43-135	0.459	27	
p,m-Xylene	5.77	0.0500	5.00	ND	115	43-135	1.22	27	
Total Xylenes	8.70	0.0250	7.50	ND	116	43-135	0.961	27	
Surrogate: Bromofluorobenzene	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.475*		*0.500*		*95.0*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2334077-BLK1)									Prepared: 08/24/23 Analyzed: 08/25/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.512*		*0.500*		*102*	*70-130*			
LCS (2334077-BS2)									Prepared: 08/24/23 Analyzed: 08/25/23
Gasoline Range Organics (C6-C10)	59.3	20.0	50.0		119	70-130			
Surrogate: Bromofluorobenzene	*0.521*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
LCS Dup (2334077-BSD2)									Prepared: 08/24/23 Analyzed: 08/25/23
Gasoline Range Organics (C6-C10)	59.6	20.0	50.0		119	70-130	0.530	20	
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.464*		*0.500*		*92.8*	*70-130*			
Surrogate: Toluene-d8	*0.526*		*0.500*		*105*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2334084-BLK1)									Prepared: 08/25/23 Analyzed: 08/25/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.519*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.464*		*0.500*		*92.8*	*70-130*			
Surrogate: Toluene-d8	*0.511*		*0.500*		*102*	*70-130*			
LCS (2334084-BS2)									Prepared: 08/25/23 Analyzed: 08/29/23
Gasoline Range Organics (C6-C10)	59.0	20.0	50.0		118	70-130			
Surrogate: Bromofluorobenzene	*0.516*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.460*		*0.500*		*92.0*	*70-130*			
Surrogate: Toluene-d8	*0.526*		*0.500*		*105*	*70-130*			
Matrix Spike (2334084-MS2)				**Source: E308182-01**					Prepared: 08/25/23 Analyzed: 08/29/23
Gasoline Range Organics (C6-C10)	63.8	20.0	50.0	ND	128	70-130			
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.475*		*0.500*		*95.0*	*70-130*			
Surrogate: Toluene-d8	*0.526*		*0.500*		*105*	*70-130*			
Matrix Spike Dup (2334084-MSD2)				**Source: E308182-01**					Prepared: 08/25/23 Analyzed: 08/29/23
Gasoline Range Organics (C6-C10)	68.8	20.0	50.0	ND	138	70-130	7.60	20	M1
Surrogate: Bromofluorobenzene	*0.532*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.6*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335002-BLK1)									Prepared: 08/28/23 Analyzed: 08/29/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.7*		*50.0*		*97.4*	*50-200*			
LCS (2335002-BS1)									Prepared: 08/28/23 Analyzed: 08/29/23
Diesel Range Organics (C10-C28)	237	25.0	250		94.9	38-132			
Surrogate: n-Nonane	*47.4*		*50.0*		*94.8*	*50-200*			
Matrix Spike (2335002-MS1)				**Source: E308182-01**					Prepared: 08/28/23 Analyzed: 08/29/23
Diesel Range Organics (C10-C28)	1180	500	250	736	177	38-132			M5
Surrogate: n-Nonane	*53.1*		*50.0*		*106*	*50-200*			
Matrix Spike Dup (2335002-MSD1)				**Source: E308182-01**					Prepared: 08/28/23 Analyzed: 08/29/23
Diesel Range Organics (C10-C28)	1100	500	250	736	144	38-132	7.26	20	M5
Surrogate: n-Nonane	*51.6*		*50.0*		*103*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335022-BLK1)									Prepared: 08/28/23 Analyzed: 08/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.4*		*50.0*		*96.7*	*50-200*			
LCS (2335022-BS1)									Prepared: 08/28/23 Analyzed: 08/28/23
Diesel Range Organics (C10-C28)	222	25.0	250		88.7	38-132			
Surrogate: n-Nonane	*49.6*		*50.0*		*99.2*	*50-200*			
Matrix Spike (2335022-MS1)				**Source: E308195-01**					Prepared: 08/28/23 Analyzed: 08/28/23
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	*50.3*		*50.0*		*101*	*50-200*			
Matrix Spike Dup (2335022-MSD1)				**Source: E308195-01**					Prepared: 08/28/23 Analyzed: 08/28/23
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	38-132	4.07	20	
Surrogate: n-Nonane	*48.3*		*50.0*		*96.7*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

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 (2335009-BLK1)									Prepared: 08/28/23 Analyzed: 08/28/23
Chloride	ND	20.0							
LCS (2335009-BS1)									Prepared: 08/28/23 Analyzed: 08/28/23
Chloride	245	20.0	250		98.1	90-110			
Matrix Spike (2335009-MS1)				**Source: E308182-01**					Prepared: 08/28/23 Analyzed: 08/28/23
Chloride	2640	20.0	250	2840	NR	80-120			M4
Matrix Spike Dup (2335009-MSD1)				**Source: E308182-01**					Prepared: 08/28/23 Analyzed: 08/28/23
Chloride	2230	20.0	250	2840	NR	80-120	16.8	20	M4

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/30/2023 2:18:44PM

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 (2335015-BLK1)									Prepared: 08/28/23 Analyzed: 08/29/23
Chloride	ND	20.0							
LCS (2335015-BS1)									Prepared: 08/28/23 Analyzed: 08/29/23
Chloride	244	20.0	250		97.7	90-110			
Matrix Spike (2335015-MS1)				**Source: E308182-21**					Prepared: 08/28/23 Analyzed: 08/29/23
Chloride	960	20.0	250	733	91.0	80-120			
Matrix Spike Dup (2335015-MSD1)				**Source: E308182-21**					Prepared: 08/28/23 Analyzed: 08/29/23
Chloride	990	20.0	250	733	103	80-120	3.03	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:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/30/23 14:18

M1	Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Project Information | Chain of Custody | Page 1 of 3

Client: Pima Environmental Services	Bill To
Project: Dexter-SinClair Parke Battery	Attention: Spur
Project Manager: Tom Bynum	Address:
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 # 6-128
Report due by:	

Lab Use Only: Lab WO# E308182 | Job Number 21008-0001

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC TX	Remarks
8:00	8/22	S	1	S1-1'	1	X	
8:05				S1-3'	2		
8:10				S1-5'	3		
8:15				S1-7'	4		
8:20				S2-1'	5		
8:25				S2-3'	6		
8:30				S2-4'	7		
8:35				S3-1'	8		
8:40				S3-3'	9		
8:45				S3-4'	10		

Additional Instructions:

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)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	8/23/23	2015	Michelle Gonzales	8-23-23	1415
Michelle Gonzales	8-24-23	1630	[signature]	8.24.23	1715
[signature]	8-24-23	2345	[signature]	8/25/23	5:30

Lab Use Only: Received on ice: (Y) / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

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

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

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

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Project Information | Chain of Custody | Page 2 of 3

Client: Pima Environmental Services	Bill To
Project: Dexter - Sinclair Parke Battery	Attention: Spur
Project Manager: Tom Bynum	Address:
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 # 6-128
Report due by:	

Lab Use Only: Lab WO# E308182 | Job Number 21068-0001

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

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	8/22	S	1	S4 - 1'	11							X		
8:55	"	"	"	S4 - 3'	12							"		
9:00	"	"	"	S4 - 4'	13							"		
9:05	"	"	"	S5 - 1'	14							"		
9:10	"	"	"	S5 - 3'	15							"		
9:15	"	"	"	S5 - 4'	16							"		
9:20	"	"	"	S6 - 1'	17							"		
9:25	"	"	"	S6 - 3'	18							"		
9:30	"	"	"	S6 - 4'	19							"		
9:35	"	"	"	S7 - 1'	20							"		

Additional Instructions:

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)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	8/23/23	2:15	Michelle Gonzales	8-23-23	1415
Michelle Gonzales	8.24.23	1630	Sylvia Mesa	8.24.23	1715
Sylvia Mesa	8.24.23	2345	Carlos Mora	8/25/23	5:30

Lab Use Only — Received on ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

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

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

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

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Project Information | Chain of Custody | Page 3 of 3

Client: Pima Environmental Services	Bill To
Project: Dixie Sinclair Parks Battery	Attention: Spur
Project Manager: Tom Bynum	Address:
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 # 6-128
Report due by:	

Lab Use Only: Lab WO# E308182 | Job Number 2D68-0001

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

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
9:40	8/22	S	1	S7-3'	21							X		
9:45	"	"	"	S7-5'	22							"		
9:50	"	"	"	S7-7'	23							"		

Analysis and Method: BGDOC NM (X)

Additional Instructions:

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)	Date	Time	Received by: (Signature)	Date	Time
Levine Adame	8/23/23	2:15	Michelle Gonzales	8-23-23	1415
Michelle Gonzales	8-24-23	1630	[illegible]	8.24.23	1715
[illegible]	8-24-23	2345	Caitlin Mason	8/25/23	5:30

Lab Use Only — Received on ice: (Y) / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 8/25/2023 9:02:32AM

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:	08/25/23 05:30	Work Order ID:	E308182
Phone:	(575) 631-6977	Date Logged In:	08/24/23 14:17	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	08/30/23 17:00 (3 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum

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:	Dexter - Sinclair Parke Battery
Work Order:	E308218
Job Number:	01058-0007
Received:	8/29/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/1/23

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

Date Reported: 9/1/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Dexter - Sinclair Parke Battery
Workorder: E308218
Date Received: 8/29/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/29/2023 8:15:00AM, under the Project Name: Dexter - Sinclair Parke Battery.

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

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

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

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

Respectfully,

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

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

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

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/01/23 09:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1	E308218-01A	Soil	08/22/23	08/29/23	Glass Jar, 2 oz.
SW2	E308218-02A	Soil	08/22/23	08/29/23	Glass Jar, 2 oz.
SW3	E308218-03A	Soil	08/22/23	08/29/23	Glass Jar, 2 oz.
SW4	E308218-04A	Soil	08/22/23	08/29/23	Glass Jar, 2 oz.
SW5	E308218-05A	Soil	08/22/23	08/29/23	Glass Jar, 2 oz.
SW6	E308218-06A	Soil	08/22/23	08/29/23	Glass Jar, 2 oz.
SW7	E308218-07A	Soil	08/22/23	08/29/23	Glass Jar, 2 oz.
SW8	E308218-08A	Soil	08/22/23	08/29/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

SW1

E308218-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Benzene	ND	0.0250	1	08/29/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/29/23	08/30/23	
Toluene	ND	0.0250	1	08/29/23	08/30/23	
o-Xylene	ND	0.0250	1	08/29/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/29/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/29/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335054
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

SW2

E308218-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Benzene	ND	0.0250	1	08/29/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/29/23	08/30/23	
Toluene	ND	0.0250	1	08/29/23	08/30/23	
o-Xylene	ND	0.0250	1	08/29/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/29/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/29/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335054
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*99.3 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

SW3

E308218-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Benzene	ND	0.0250	1	08/29/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/29/23	08/30/23	
Toluene	ND	0.0250	1	08/29/23	08/30/23	
o-Xylene	ND	0.0250	1	08/29/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/29/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/29/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335054
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*96.5 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

SW4

E308218-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Benzene	ND	0.0250	1	08/29/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/29/23	08/30/23	
Toluene	ND	0.0250	1	08/29/23	08/30/23	
o-Xylene	ND	0.0250	1	08/29/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/29/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/29/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335054
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

SW5

E308218-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Benzene	ND	0.0250	1	08/29/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/29/23	08/30/23	
Toluene	ND	0.0250	1	08/29/23	08/30/23	
o-Xylene	ND	0.0250	1	08/29/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/29/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/29/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335054
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*110 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

SW6

E308218-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Benzene	ND	0.0250	1	08/29/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/29/23	08/30/23	
Toluene	ND	0.0250	1	08/29/23	08/30/23	
o-Xylene	ND	0.0250	1	08/29/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/29/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/29/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335054
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	ND	20.0	1	08/29/23	09/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

SW7

E308218-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Benzene	ND	0.0250	1	08/29/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/29/23	08/30/23	
Toluene	ND	0.0250	1	08/29/23	08/30/23	
o-Xylene	ND	0.0250	1	08/29/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/29/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/29/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335054
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*96.7 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	ND	20.0	1	08/29/23	09/01/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

SW8

E308218-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Benzene	ND	0.0250	1	08/29/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/29/23	08/30/23	
Toluene	ND	0.0250	1	08/29/23	08/30/23	
o-Xylene	ND	0.0250	1	08/29/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/29/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/29/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335042
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*08/29/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335054
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*94.3 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	ND	20.0	1	08/29/23	09/01/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

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 (2335042-BLK1)									Prepared: 08/29/23 Analyzed: 08/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
LCS (2335042-BS1)									Prepared: 08/29/23 Analyzed: 08/30/23
Benzene	4.09	0.0250	5.00		81.9	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.8	70-130			
Toluene	4.44	0.0250	5.00		88.8	70-130			
o-Xylene	4.61	0.0250	5.00		92.2	70-130			
p,m-Xylene	9.28	0.0500	10.0		92.8	70-130			
Total Xylenes	13.9	0.0250	15.0		92.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2335042-MS1)				**Source: E308218-07**					Prepared: 08/29/23 Analyzed: 08/30/23
Benzene	3.81	0.0250	5.00	ND	76.2	54-133			
Ethylbenzene	4.24	0.0250	5.00	ND	84.7	61-133			
Toluene	4.14	0.0250	5.00	ND	82.9	61-130			
o-Xylene	4.30	0.0250	5.00	ND	86.0	63-131			
p,m-Xylene	8.66	0.0500	10.0	ND	86.6	63-131			
Total Xylenes	13.0	0.0250	15.0	ND	86.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		*8.00*		*96.3*	*70-130*			
Matrix Spike Dup (2335042-MSD1)				**Source: E308218-07**					Prepared: 08/29/23 Analyzed: 08/30/23
Benzene	4.23	0.0250	5.00	ND	84.6	54-133	10.4	20	
Ethylbenzene	4.70	0.0250	5.00	ND	94.0	61-133	10.4	20	
Toluene	4.59	0.0250	5.00	ND	91.9	61-130	10.3	20	
o-Xylene	4.77	0.0250	5.00	ND	95.4	63-131	10.3	20	
p,m-Xylene	9.61	0.0500	10.0	ND	96.1	63-131	10.3	20	
Total Xylenes	14.4	0.0250	15.0	ND	95.8	63-131	10.3	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.68*		*8.00*		*96.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2335042-BLK1)									Prepared: 08/29/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*8.00*		*91.5*	*70-130*			
LCS (2335042-BS2)									Prepared: 08/29/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.76*		*8.00*		*97.0*	*70-130*			
Matrix Spike (2335042-MS2)				**Source: E308218-07**					Prepared: 08/29/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	ND	80.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			
Matrix Spike Dup (2335042-MSD2)				**Source: E308218-07**					Prepared: 08/29/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.7	70-130	8.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335054-BLK1)									Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.2*		*50.0*		*94.4*	*50-200*			
LCS (2335054-BS1)									Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	*48.2*		*50.0*		*96.4*	*50-200*			
Matrix Spike (2335054-MS1)				**Source: E308218-04**					Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*44.3*		*50.0*		*88.7*	*50-200*			
Matrix Spike Dup (2335054-MSD1)				**Source: E308218-04**					Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	0.431	20	
Surrogate: n-Nonane	*49.7*		*50.0*		*99.5*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dexter - Sinclair Parke Battery	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/1/2023 9:41:34AM

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 (2335039-BLK1)									Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	ND	20.0							
LCS (2335039-BS1)									Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	240	20.0	250		96.2	90-110			
Matrix Spike (2335039-MS1)				**Source: E308208-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	699	20.0	250	412	114	80-120			
Matrix Spike Dup (2335039-MSD1)				**Source: E308208-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	662	20.0	250	412	100	80-120	5.33	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:	Dexter - Sinclair Parke Battery	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/01/23 09:41

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

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

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

Project Information | Chain of Custody | Page 1 of 1

Client: Pima Environmental Services	Bill To
Project: Dexter-Sinclair Parkerbattery	Attention: Devon
Project Manager: Tom Bynum	Address:
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 # 6-128
Report due by:	

Lab Use Only: Lab WO# E308218 | Job Number 01058-0007

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:00	8/22	S	1	SW1	1	X	
8:05				SW2	2		
8:10				SW3	3		
8:15				SW4	4		
8:20				SW5	5		
8:25				SW6	6		
8:30				SW7	7		
8:35				SW8	8		
8:40							
8:45							

Additional Instructions: Billing # 7010-7410, 999300

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)	Date	Time	Received by: (Signature)	Date	Time
Yesime Adame	8/28/23	2100	Michelle Gonzales	8-28-23	1400
Michelle Gonzales	82823	1715	Adrian Meza	8.28.23	1715
Adrian Meza	8.28.23	2300	Caitlin Mars	8/29/23	8:15

Lab Use Only — Received on ice: (Y) / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 8/29/2023 9:27:02AM

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:	08/29/23 08:15	Work Order ID:	E308218
Phone:	(575) 631-6977	Date Logged In:	08/28/23 16:11	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	09/05/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Pima Environmental Services

Appendix F

Cultural Resource Survey

NMCRIS No.: 154256

NMCRIS INVESTIGATION ABSTRACT FORM (NIAF)

1. NMCRIS Activity No.:	2a. Lead Agency:	2b. Other Agency(ies):	3. Lead Agency Report No.:
154256	US Bureau of Land Management Carlsbad Field Office		

4. Title of Report:

A Cultural Survey for Clean-Up Activities Associated with an Accidental Release on the Dexter Sinclair Parke Tank Battery Pad in Eddy County, New Mexico for Pima Environmental Services, LLC

Author(s)

Pangburn, Jeffrey and Kathi Pangburn

5. Type of Report

- [x] Negative
- [ ] Positive

6. Investigation Type

- [ ] Research Design
- [x] Archaeological Survey/Inventory
- [ ] Architectural Survey/Inventory
- [ ] Test Excavation
- [ ] Excavation
- [ ] Collections/Non-Field Study
- [ ] Compliance Decision Based on Previous Inventory
- [ ] Overview/Lit Review
- [ ] Monitoring
- [ ] Ethnographic Study
- [ ] Site/Property Specific Visit
- [ ] Historic Structures Report
- [ ] Other

7. Description of Undertaking (what does the project entail?):

On the 29th of September 2023, Jeffrey Pangburn with APAC conducted a class III archaeological survey for the Dexter Sinclair Parke tank battery pad. This survey is for clean-up activities associated with an accidental release on the tank battery pad located in section 22 in T 17 S R 30 E; Eddy County, New Mexico. The cultural resource inventory was conducted at the request of Sebastian Orozco with Pima Environmental Services, LLC. The project was conducted to meet or exceed the Bureau of Land Management Carlsbad Field Office (BLM-CFO) current professional standards for cultural surveys

Pima Environmental Services, LLC provided kmz and kml files for the location of the accidental release area. The release area measures 0.13 acres (+/-). A 100' cultural buffer was centered over the release for a total survey area measuring 1.91 acres (+/-). A total of 1.91 acres were surveyed for this project. The direct effect of the project release area totals 0.13 acres (+/-). The indirect effect of the project release area totals 1.78 acres (+/-).

During the course of the fieldwork, no isolated manifestations and no cultural sites were located in the survey area. Pre-field investigations found no serial patents associated with this project area. The survey located no cultural materials and archaeological clearance is recommended for the clean-up activities as currently planned.

The proposed project crosses through low hills within a semi-arid desert environment in Eddy County, New Mexico. Impacts to the proposed project area include the existing tank battery, lease road, flow lines, fence line, OHE, and various oilfield developments. The survey area for the proposed clean-up activities is plotted on the attached project map. Location plots for the project were obtained by utilizing a survey grade hand held GPS

[ ] Continuation

8. Dates of Investigation: 27-Sep-23 29-Sep-23 **9. Report Date:** 6-Nov-23

10. Performing Agency/Consultant: APAC PO Box 1982 Carlsbad, NM 88221-1982 Office 575-200-7099 Jeff 575-200-5099

Principal Investigator: David V. Hill PhD

Field Supervisor: Jeffrey Pangburn

Field Personnel Names:

Historian / Other:

11. Performing Agency/Consultant Report No.:

APAC 23-09-12

12. Applicable Cultural Resource Permit No(s):

BLM: 270-2920-20-G, State: NM-24-261-S

13. Client/Customer (project proponent):

Pima Environmental Services, LLC

Contact: Sebastian Orozco with Pima Environmental Services, LLC

Address: 5614 North Lovington Highway Hobbs, New Mexico 88240 **Phone:** 619-721-4813

14. Client/Customer Project No.:

15. Land Ownership Status (must be indicated on project map):

Land Owner (By Agency)	Acres Surveyed	Acres in APE
US Bureau of Land Management Carlsbad Field Office	1.91	0.13
NM State Land Office	0.00	0.00
Private	0.00	0.00
TOTALS	1.91	0.13

16. Records Search(es):

Date(s) of HPD/ARMS File Review: 09/27/23	Name of Reviewer(s): Kathi Pangburn	
Date(s) of Other Agency File Review: 09/27/23	Name of Reviewer(s):Kathi Pangburn	Agency: BLM-CFO
Date(s) of Other Agency File Review: 09/27/23	Name of Reviewer(s):Kathi Pangburn	Agency: GLO

Prefield investigations of the proposed project area consist of the review of web sites and project files located at the BLM-CFO, the Archaeological Records Management Section (ARMS), and the General Land Office (GLO). The ARMS and GLO searches were conducted on the 27th of September 2023, the records search at the BLM followed on the same day. A total of two cultural sites were found within a quarter-mile of the project area for reporting to the BLM. The two cultural sites (LA 43315 & LA 132308) are detailed in a table included with this report. A review of the GLO files found no serial patents associated with this proposed project area.

17. Survey Data:

a. Source Graphics [ ] NAD 27 [X] NAD 83 **Note: NAD 83 is the NMCRIS standard.**

☑ **USGS 7.5' (1:24,000) topo map** ☐ **Other topo map, Scale:**

☑ **GPS Unit Accuracy** ☐ **<1.0m** ☑ **1-10m** ☐ **10-100m** ☐ **>100m** ☐ **Aerial Photo(s)**

Other Source Graphic(s):

b. USGS 7.5' Topographic Map Name	USGS Quad Code
LOCO HILLS, NM (Prov. Ed. 1985)	32103-G8

c. County(ies): Eddy County, New Mexico

d. Nearest City or Town: Loco Hills, New Mexico

e. Legal Description:

Township (N/S)	Range (E/W)	Section
T 17 S	R 30 E	Sec 22 NW¼ SE¼

Projected legal description? [ ] Yes [ ] No [X] Unplatted

f. Other Description (e.g. well pad footages, mile markers, plats, land grant name, etc.):

[ ] Continuation

18. Survey Field Methods:

Intensity: ☑ 100% coverage ☐ <100% coverage

Configuration: ☑ block survey units ☐ linear survey units (l x w):

☐ other survey units (specify):

Scope: ☑ non-selective (all sites/properties recorded) ☐ selective/thematic (selected sites/properties recorded)

Coverage Method: ☑ systematic pedestrian coverage

☐ other method (describe):

Survey Interval (m): 15 **Crew Size:** 1 **Fieldwork Dates:** 29-Sep-23

Survey Person Hours: 4 **Recording Person Hours:** 0 **Total Hours:** 4

Additional Narrative:

It was determined that the proposed project area for the clean-up activities would be surveyed with a 100' (+/-) cultural buffer centered over the accidental release. The impact area for the accidental release is estimated to be 0.13 acres (+/-). The cultural investigation was conducted by means of a pedestrian survey, with one field person, walking at 15-meter intervals for 100% coverage of the survey area. This survey was designed to meet, but not limited to, the requirements detailed in the BLM Manual Supplement H-8100-1 New Mexico, Oklahoma and Texas, Procedures for Performing Cultural Resource Fieldwork on Public Lands in the area of New Mexico BLM Responsibilities 2002. The authority for these standards comes in part from Section 106 of the National Historic Preservation Act of 1966, the Antiquities Act of 1906 and the Historic Sites Act of 1935, along with all additional federal and state laws for preserving and protecting cultural resources.

[ ] Continuation

19. Environmental Setting (NRCS soil designation; vegetative community; elevation; etc.):

Topography: Low hills within a semi-arid desert environment
Vegetation: mesquite, yucca, thistle, prickly pear, drop-seed grass, and various other desert cacti, grasses and forbes.
NRCS: Kermit-Berino association: Sandy, deep soils from wind-worked mixed sand deposits
Physiographic Unit: Mescalero Plain
Aspect: 360 degrees
Elevation: 3655' – 3660'
Lithic Resources: Some cherts, in gravels, very sparse.
Water Sources: (Potential) various unnamed drainages bisecting the project area.
(Permanent) The Pecos River, 22 miles west of the proposed ROW.

[ ] Continuation

20.a. Percent Ground Visibility: 85%

b. Condition of Survey Area (grazed, bladed, undistributed, etc.): Grazed and bladed with various oilfield activities.

[ ] Continuation

21. CULTURAL RESOURCE FINDINGS ☐ **Yes, see next report section** ☑ **No, discuss why:**

No, the area may not have offered natural resources for indigenous cultural groups to exploit.

[ ] Continuation

22. Attachments (check all appropriate boxes):

[X] USGS 7.5 Topographic Map with sites, isolates, and survey area clearly drawn (required)

[X] Copy of NMCRIS Map Check (required)

[ ] LA Site Forms - new sites (with sketch map & topographic map) if applicable

[ ] LA Site Forms (update) - previously recorded & un-relocated sites (first 2 pages minimum)

[ ] Historic Cultural Property Inventory Forms, if applicable

[ ] List and Description of Isolates, if applicable

[ ] List and Description of Collections, if applicable

23. Other Attachments:

[X] Photographs and Log **[X] Other Attachments (Describe):** Project Tables

24. I certify the information provided above is correct and accurate and meets all applicable agency standards.

Principal Investigator **Printed Name: David V. Hill PhD**

Qualified Supervisor: **Printed Name: Jeffrey Pangburn**

Signature: **Date:** 6-Nov-23 **Title:** Qualified Supervisor

25. Reviewing Agency	**26. SHPO**
Reviewer's Name/Date:	**Reviewer's Name/Date:**
Accepted [ ] **Rejected [ ]**	**HPD Log #:**
	Date sent to ARMS:

CULTURAL RESOURCE FINDINGS

[fill in appropriate section(s)]

SURVEY RESULTS:

Archaeological Sites discovered and registered: 0

Archaeological Sites discovered and NOT registered: 0

Previously recorded archaeological sites revisited (site update form required): 0

Previously recorded archaeological sites not relocated (site update form required): 0

TOTAL ARCHAEOLOGICAL SITES (visited & recorded): 0

Total isolates recorded: 0 ☑ **Non-selective isolate recording?**

HCPI properties discovered and registered: 0

HCPI properties discovered and NOT registered: 0

Previously recorded HCPI properties revisited: 0

Previously recorded HCPI properties not relocated: 0

TOTAL HCPI PROPERTIES (visited & recorded, including acequias):

MANAGEMENT SUMMARY:

The survey located no cultural materials in the area for clean-up activities of the accidental release. These findings allow for archaeological clearance to be recommended for the clean-up activities to proceed as currently planned. If cultural materials are encountered, at any time, all work should cease and the project archaeologist or a BLM-CFO staff archaeologist should be notified immediately.

[ ] Continuation

IF REPORT IS NEGATIVE, YOU ARE DONE AT THIS POINT.

Form 8151-3

Authorization # (BLM Use)**:**

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELDWORK AUTHORIZATION REQUEST

To Conduct Specific Cultural Resource Work Under the Authority of a Cultural Resource Use Permit Issued by the Bureau of Land Management
Pursuant to Sec. 302(b) of P.L. 94-579, October 21, 1976, 43 U.S.C. 1732 and Sec. 4 of P.L. 96-95, October 31, 1979, 16 U.S.C. 470cc

1. Name of Permittee and Company

Jeffrey Pangburn APAC

2. Date Permit Issued
1/1/2021

3. Contact Telephone Number

575-200-7099

4. Project Name and Client Name
An Archaeological Survey for an Accidental Release on the Dexter Sinclair Parke Tank Battery Pad in Eddy County, NM
Pima Environmental Services, LLC

5. Location of Work or Legal Description (Include map)
   a. Description of Public Lands Involved
Section 22 T 17 S, R 30 E

6. Nature of Cultural Resource Work (Survey, APE, etc.) The release area measures 0.13 acres. The project will be surveyed by placing a 100' cultural buffer centered over the release area for a total of 1.91 acres to be inspected for cultural remains. All cultural sites encountered will be documented.

Survey all areas that have not been surveyed within last 10 yrs.

   a. Identification of Previous Surveys and Sites (if applicable)
Previous Surveys Along Project Area: 60927, 62210, & 62541
Sites Within a Quarter Mile of Project Area: LA 43315 & LA 132308

7. Name of Individual(s) Responsible for Planning & Supervising Field Work, & Approving Reports, Evaluations, & Recommendations
Planning, Approving Reports, Evaluations & Recommendations – Jeffrey Pangburn and Dr David V. Hill
Supervising Field Work – Jeffrey Pangburn

8. Signature of Individual Conducting Pre-Field Consultation  9. Date 28 September 2023

· The individual named in item 7 above shall be present during the conduct of field work authorized herein, or shall notify the authorized officer of the need for any extended absence, and shall make provision that the work will be carried out under supervision of equal quality, by an individual approved by the authorized officer.

· All terms and conditions of the permit continue to apply; any special conditions attached hereto have the same force and effect as conditions of the permit.

· Permittee shall immediately notify the authorized officer of any change in items 3 through 7 above.

Fieldwork Authorization Request approved by:

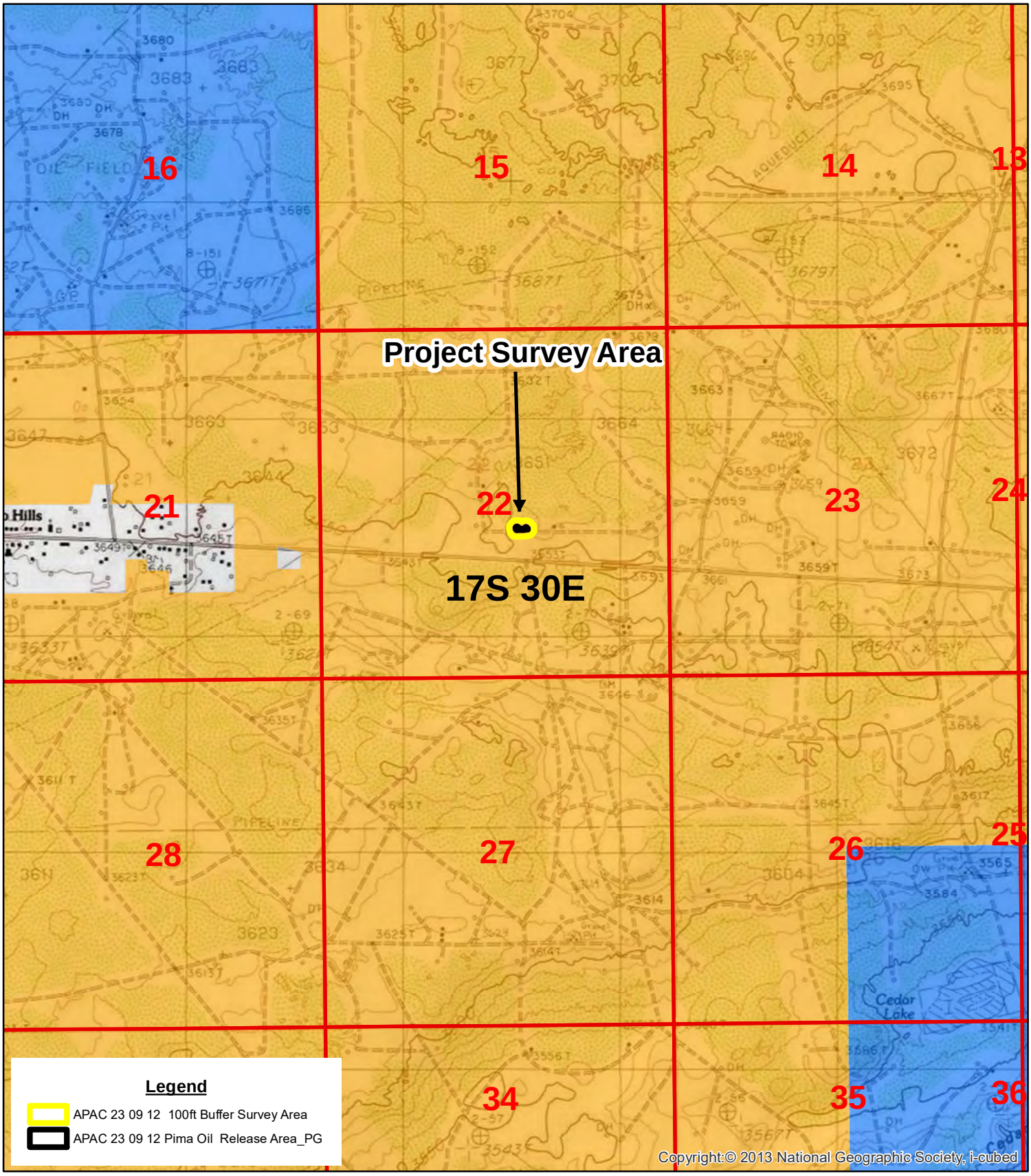
Brandon Gonia

(Signature of BLM Authorized Officer)

Date: 9/28/2023

Project Map
APAC 23-09-12

Scale 1:24,000



0 400 800 1,200 1,600 Meters

0 1,250 2,500 3,750 5,000 Feet

A location map of Accidental Release Area at the Dexter Sinclair Parke Tank Battery Pad for Pima Environmental
Located in section 22 in T 17S R 30E; Eddy County, New Mexico.
Map Reference; LOCO HILLS, NM (Prov. Ed. 1985) 32103-G8

Table #1 Cultural Resources within 500' of the Project Area:

LA: #	Eligibility	Occupation	Affiliation	Distance
LA 43315	Unevaluated SHPO 2015	Prehistoric	Mogollon AD 887-1023 AD Mogollon AD 1100-1400 AD	Within 500'
LA 132308	Eligible BLM 2002	Prehistoric	Unknown Aboriginal BC 9500-1880 AD	Within 500'

Table #2 Cultural Surveys within 500' of the Project Area:

NMCRIS #	Type	Arch	Completion Date
60927	Well pads	Desert West Archaeological Services	12-31-1998
62210	Well pads	Desert West Archaeological Services	12-31-1998
62541	Pipeline	Desert West Archaeological Services	12-31-1998

Photo Log

Project#: APAC _23-09-12_____
NMCRIS #: __154256_____

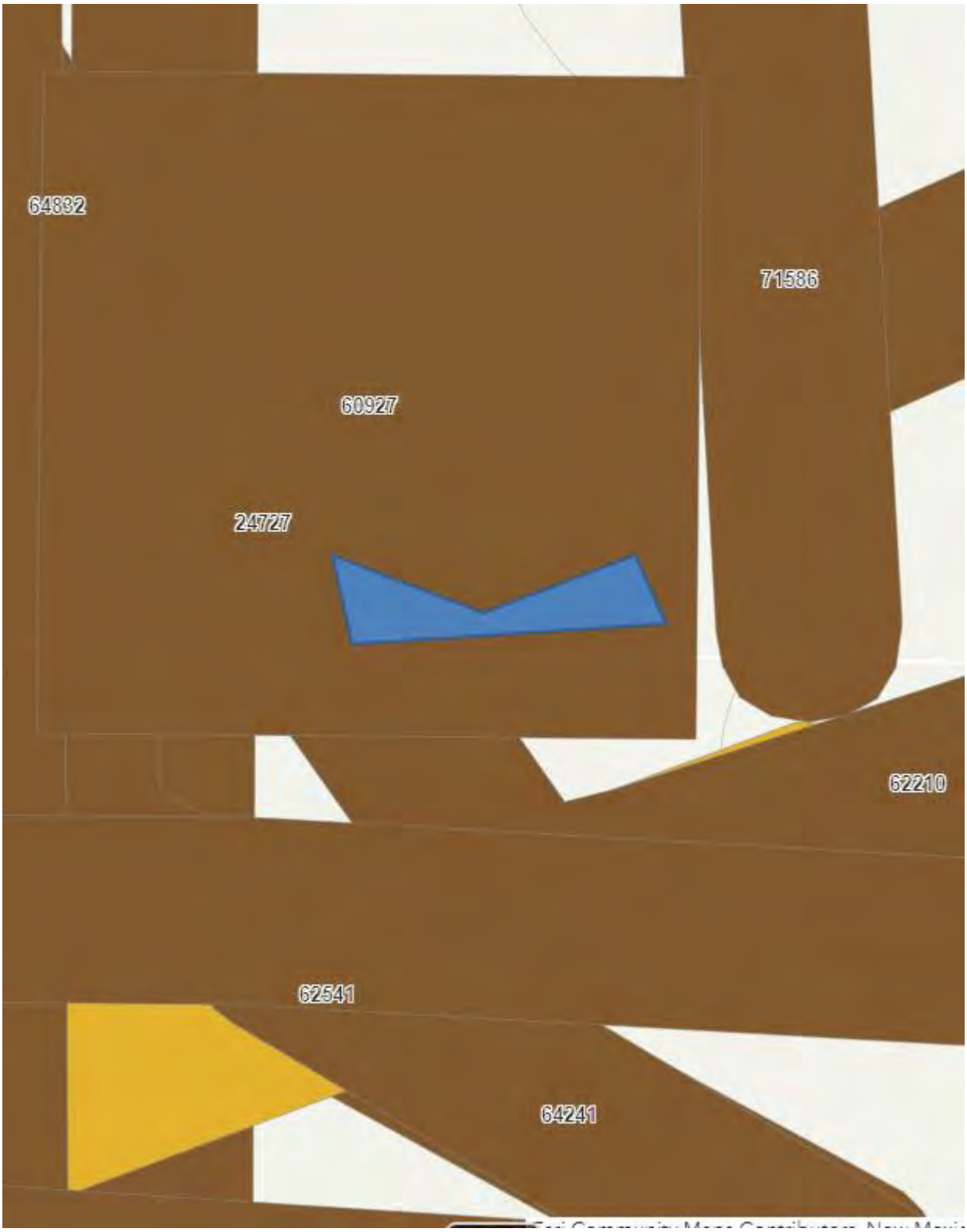
Frame	Direction	Subject	Photographer	Note
1	West	Project Overview	Jeffrey Pangburn	
2	East	Project Overview	Jeffrey Pangburn	
3		Well Sign	Jeffrey Pangburn	
4	West	Tank	Jeffrey Pangburn	

APAC 23-09-12 NMCRIS # 154256 Frame 1 POV West

APAC 23-09-12 NMCRIS # 154256 Frame 2 POV East

APAC 23-09-12 NMCRIS # 154256 Frame 3 Well Sign

APAC 23-09-12 NMCRIS # 154256 Frame 4 Tank West


64832
71586
60927
24727
62210
62541
64241

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QUESTIONS

Action 293453

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 293453
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2322846505**
Incident Name	**NAPP2322846505 DEXTER/SINCLAIR PARKE TANK BATTERY @ 30-015-30325**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-015-30325] DEXTER #006**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DEXTER/SINCLAIR PARKE TANK BATTERY
Date Release Discovered	08/15/2023
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: High Line Pressure | Flow Line - Production | Produced Water | Released: 11 BBL | Recovered: 10 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	HIGH PRESSURE AND HEAT CAUSED A 4 INCH POLY LINE TO SPLIT AND RELEASE PRODUCED WATER

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QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
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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	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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.	

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	N/A
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: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 12/12/2023

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QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 293453
	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 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
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	Between 1 and 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	Between ½ and 1 (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	Between ½ and 1 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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)	16800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	736
GRO+DRO (EPA SW-846 Method 8015M)	736
BTEX (EPA SW-846 Method 8021B or 8260B)	0
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	08/22/2023
On what date will (or did) the final sampling or liner inspection occur	08/22/2023
On what date will (or was) the remediation complete(d)	08/22/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	3200
What is the estimated volume (in cubic yards) that will be remediated	0
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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QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 293453
	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.)	*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)	Yes
Other Non-listed Remedial Process. Please specify	Due to groundwater being >100', it was determined remediation was not necessary for this site since the highest concentration of chloride was 16,800 and the standard is 20,000
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: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 12/12/2023
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 (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 293453
	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 (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 293453
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**293451**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**08/22/2023**
What was the (estimated) number of samples that were to be gathered	**15**
What was the sampling surface area in square feet	**3200**

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	0
What was the total volume (cubic yards) remediated	0
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	No remediation was necessary since the constituents had concentrations below the closure criteria standard

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: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 12/12/2023

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QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 293453
	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 293453

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	328947
	Action Number: 293453
	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 #NAPP2322846505 DEXTER/SINCLAIR PARKE TANK BATTERY, thank you. This Remediation Closure Report is approved. The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical.	3/20/2024
rhamlet	Pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan. A revegetation report will not be accepted until the release area, including areas reasonably needed for production or drilling activities, are complete. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil.	3/20/2024
rhamlet	Information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved. OR Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	3/20/2024