Spill Volume(Bbls) Calculator *Inputs in blue, Outputs in red*		
Length(Ft)	Width(Ft)	Depth(In)
50.000	30.000	3.500
Cubic Feet Impacted		437.500
Barrels		77.92
Soil Type		Clay/Sand
Bbls Assuming 100% Saturation		11.69
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels Released		11.70000

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)	50
Width (ft)	30
Depth (in)	3.500

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

February 29, 2024

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
Goodman 22 Battery
API No. N/A
GPS: Latitude 32.64524 Longitude -104.47353
UL "K", Sec. 22, T19S, R25E
Eddy County, NM
NMOCD Ref. No. NAPP2331037699

Pima Environmental Services, LLC (Pima) has been contracted by Spur Energy Partners, LLC. (Spur) to perform a spill assessment, remediation, and submit this closure report for a crude oil release that occurred at the Goodman 22 Battery (Goodman). The initial C-141 was submitted on November 6, 2023, (Appendix C). This incident was assigned Incident ID NAPP2331037699, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Goodman is located approximately fourteen (14) miles southwest of Artesia, NM. This spill site is in Unit K, Section 22, Township 19S, Range 25E, Latitude 32.64524 Longitude -104.47353, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Piedmont alluvial deposits. Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits. The soil in this area is made up of Reagan loam, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a medium potential for karst geology around the Goodman (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 220 feet below grade surface (BGS), located around 0.47 miles from the site, as indicated by water well (RA08986). Additionally, according to data from the United States Geological Survey (USGS), the closest groundwater well, USGS 323842104283501, is situated approximately 0.17 miles away and registers a water depth of 122.43 feet BGS which was last gauged on January 13, 2015. For precise locations, please refer to Appendix A, which contains a detailed water well map displaying both OSE and USGS well positions. The closest waterway is Brantley Lake, situated approximately 6.39 miles east of this location. Details regarding these water surveys are available in Appendix A for reference.

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' (USGS 323842104283501)	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

NAPP2331037699:

On November 4, 2023, an incident occurred where the seal on the access cover of the heater treater malfunctioned, resulting in the discharge of crude oil onto the unlined containment area. Approximately 12 barrels of crude oil were released, with recovery efforts successfully retrieving 11 barrels. The final barrel was effectively recovered during subsequent remediation activities. It is noteworthy that all fluids were confined on-site within the unlined containment system. The total affected area of the release encompassed approximately 3,800 square feet.

Site Assessment and Soil Sampling Results

On November 10, 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 easternmost limit of the unlined containment. For vertical delineation, a total of six bottom samples (S1-S6) were collected, while seven side wall samples (WSW, NSW1, ESW1, NSW2, ESW2, SSW1, SSW2) were acquired for horizontal delineation. Bottom samples (S1-S6) were gathered at depths ranging from surface levels down to four feet below ground surface (bgs), and side wall samples (SW1-SW4) were collected at surface down to 4' bgs. The detailed laboratory results from this sampling event are presented in the accompanying data table. For further reference, a comprehensive laboratory report can be located in Appendix E.

11-10-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is >100'								
SPUR ENERGY - Goodman 22 Battery								
Date: 11-10-2023		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
S1-	Surface	ND	ND	ND	184	147	331	983
S1-2'	2'	ND	ND	ND	837	ND	837	466
S1-4'	4'	ND	ND	ND	347	220	567	375
S2-	Surface	ND	ND	ND	1830	ND	1830	1270
S2-2'	2'	ND	ND	ND	1230	605	1835	475
S2-4'	4'	ND	ND	ND	473	345	818	385
S3-	Surface	ND	ND	ND	569	306	875	904
S3-2'	2'	ND	ND	ND	2920	1280	4200	543
S3-4'	4'	ND	ND	ND	348	228	576	376
S4-	Surface	ND	ND	ND	576	378	954	1110
S4-2'	2'	ND	ND	ND	923	ND	923	600
S4-4'	4'	ND	ND	ND	135	97.8	232.8	332
S5-	Surface	ND	ND	ND	3950	2830	6780	1490
S5-2'	2'	ND	ND	ND	1620	697	2317	346
S5-4'	4'	ND	ND	ND	631	374	1005	414
S6-	Surface	ND	ND	ND	3050	2680	5730	1230
S6-2'	2'	ND	ND	ND	1320	707	2027	462
S6-4'	4'	ND	ND	ND	751	495	1246	408
WSW (0-4')	(0-4')	ND	ND	ND	ND	ND	0	33.2
NSW1 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	42.4
ESW1 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	33
NSW2 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	47.3
ESW2 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	44.4
SSW1 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	38.9
SSW2 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	47.9

ND- Analyte Not Detected

Furthermore, the side wall samples underwent field screening at depths of 1 foot and 2 feet below ground surface (bgs) to verify the absence of contamination in deeper layers. Chloride levels in each soil sample were assessed using a titration method, while hydrocarbon presence was detected through field screening using a photoionization detector (PID). For detailed information, a comprehensive Field Screening report is available in Appendix E for reference.

11-10-23 Field Screen Sampling Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is >100'			
SPUR ENERGY - Goodman 22 Battery			
Date: 11-10-2023		Field Screen Sampling Results	
Sample ID	**Depth (BGS)**	**Chloride (PPM)**	**TPH (PPM)**
WSW	1'	2.1	62.5
	2'	ND	32.5
NSW1	1'	5.6	46.5
	2'	ND	12.5
ESW1	1'	3.1	54.5
	2'	ND	12.5
NSW2	1'	6.2	32.5
	2'	ND	ND
ESW2	1'	12.5	15.5
	2'	3.2	ND
SSW1	1'	15.2	55
	2'	1.3	ND
SSW2	1'	ND	ND
	2'	ND	ND

Remediation Activities

From February 12 to February 16, 2024, Pima mobilized its workforce to the Goodman site for the purpose of excavating the affected region. Pima conducted excavation in the sections corresponding to soil samples S3 to a depth of 2.5 feet below ground surface (bgs). Simultaneously, the areas associated with soil samples S5 and S6 were excavated to a depth of 1-foot bgs. The excavated zone encompassing soil samples S3 had an approximate area of 223 square feet, with the removal of about 20 cubic yards of contaminated material. In the region overlapping soil samples S5 and S6, the excavated area measured approximately 372 square feet, and roughly 13 cubic yards of contaminated soil were extracted. The region where soil samples S1, S2, and S4 overlapped did not exceed the closure criteria specified for a location with groundwater depth greater than 100 feet. Consequently, a limited 2-inch scrape of the surface-contaminated soil was performed. This targeted area covered approximately 3,060 square feet, and the removal process resulted in the extraction of approximately 12 cubic yards of material. All contaminated materials were safely transported to Lea Land, an NMOCD-approved disposal facility.

On February 14, 2024, Spur Energy proactively submitted a 48-hour sampling notification as part of the preliminary preparations leading up to the final confirmation sampling event. This precautionary step was taken with the expectation that all sampling results would fall below the closure criteria established by the New Mexico Oil Conservation Division (NMOCD). Should the results confirm compliance, the plan is to move forward with the closure process. For additional details, the 48-hour notification can be referenced in Appendix C.

On February 16, 2024, Pima Environmental dispatched a field technician to carry out a confirmation sampling event at the Goodman site. A thorough sampling strategy was employed, which included the retrieval of four bottom samples (CS1-CS4) and eight side wall samples (CSW1-CSW8). Each confirmation sample represented a five-point composite, covering an area not exceeding 200 square feet of the excavated region. The bottom samples (CS1 and CS2) were taken at a depth of 2.5 feet below ground surface (bgs), while the remaining bottom samples (CS3 and CS4) were acquired at a depth of 1-foot bgs. Side composite wall samples (CSW1-CSW8) were collected from the base to the top of the excavation, encompassing the entire excavated area. The specific area for each side wall sample is displayed in our site map, with Figure 6 providing a detailed illustration of the confirmation sampling event and the excavated zone. The results of this sampling endeavor are presented in the accompanying data table.

2-16-2024 Confirmation Sampling Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is >100'								
SPUR ENERGY - Goodman 22 Battery								
Date: 02-16-2024		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	2.5'	0.2635	ND	ND	580	700	1280	475
CS2	2.5'	0.2755	ND	ND	240	330	570	363
CS3	1'	0.229	ND	ND	580	460	1040	494
CS4	1'	0.1685	ND	ND	370	370	740	389
CSW1	0-2.5'	ND	ND	ND	ND	ND	ND	28.2
CSW2	0-2.5'	ND	ND	ND	25.1	ND	25.1	30.5
CSW3	0-2.5'	ND	ND	ND	58.1	ND	58.1	44.1
CSW4	0-2.5'	ND	ND	ND	29	ND	29	34.7
CSW5	0-1'	ND	ND	ND	16	67.6	83.6	61.3
CSW6	0-1'	ND	ND	ND	63.7	ND	63.7	52.3
CSW7	0-1'	ND	ND	ND	59.1	ND	59.1	52
CSW8	0-1'	ND	ND	ND	ND	ND	ND	30.8

ND- Analyte Not Detected

Each soil sample was a 5-point composite derived from the excavated area, specifically representing an area not exceeding 200 square feet of the open excavation. A total of twelve (12) samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel, and gasoline range organics (MRO, DRO, & GRO) by EPA Method 8015D. All samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to EnviroTech laboratories in Farmington, New Mexico (Appendix C).

On February 26, 2024, Pima received lab confirmation that all samples were below NMOCD closure criteria.

Upon confirming that all soil samples met the closure standards set by the New Mexico Oil Conservation Division (NMOCD), clean backfill material was brought in and utilized to restore the excavated area, returning it to its original state.

Closure Request

After careful review, Pima requests that this incident NAPP2331037699, 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- Site Map
5- Confirmation Site Map

Appendices:
Appendix A – Referenced Water Surveys
Appendix B – Soil Survey and Geological Map
Appendix C – 48 Hour Notification
Appendix D – Photographic Documentation
Appendix E – Laboratory Reports and Field Notes

Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

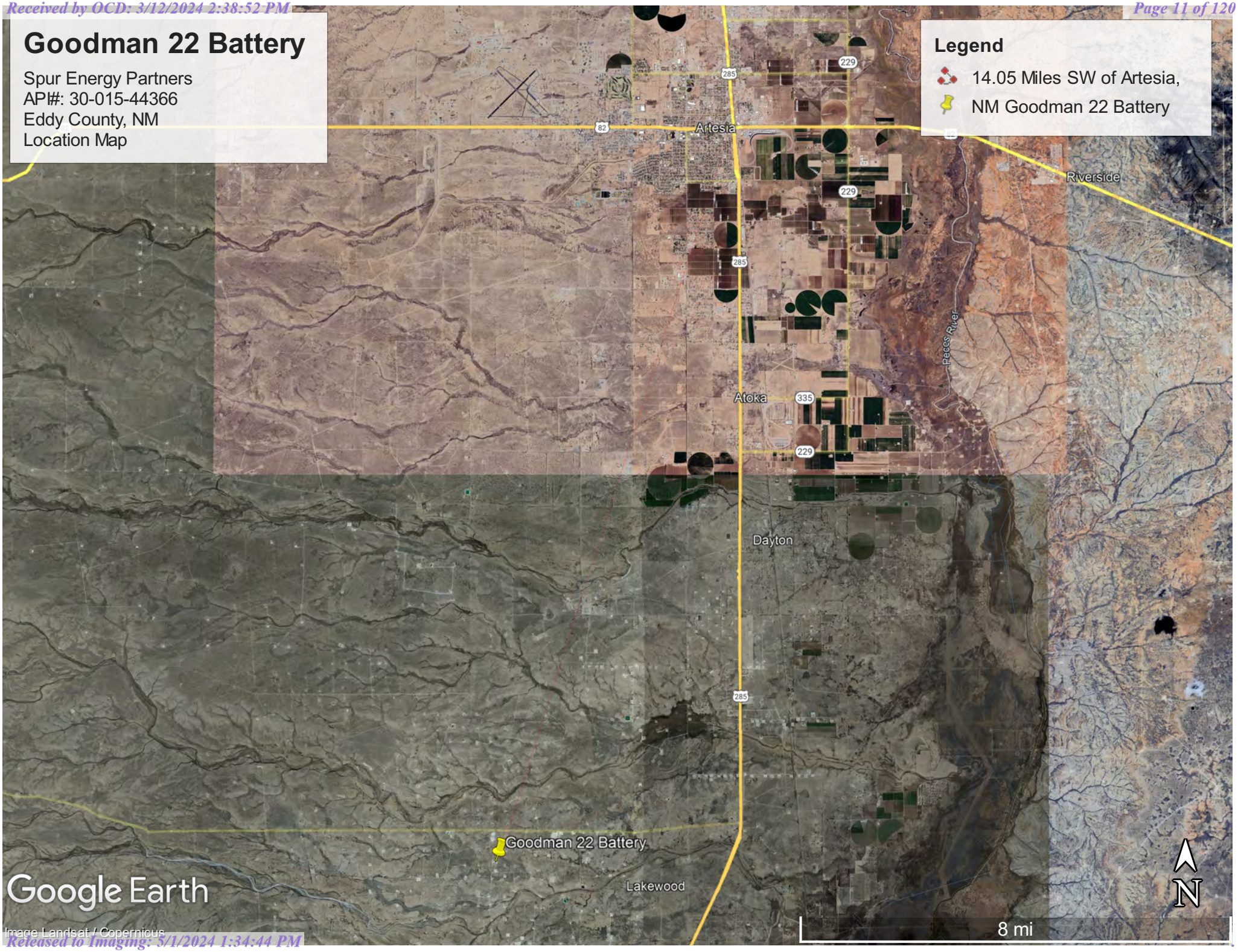
3-Karst Map

4-Site Map

5- Confirmation Site Map

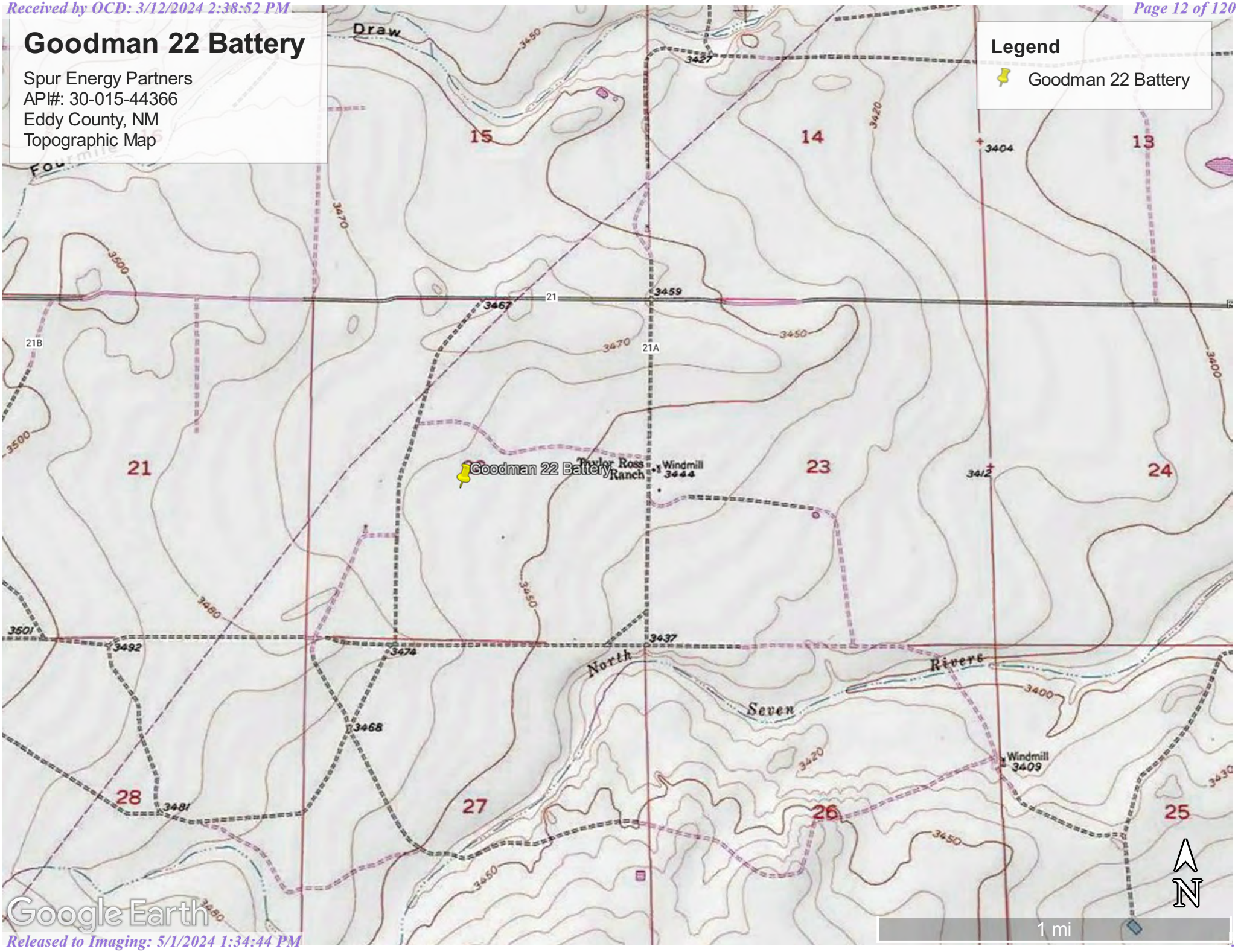
Goodman 22 Battery

Spur Energy Partners
API#: 30-015-44366
Eddy County, NM
Location Map



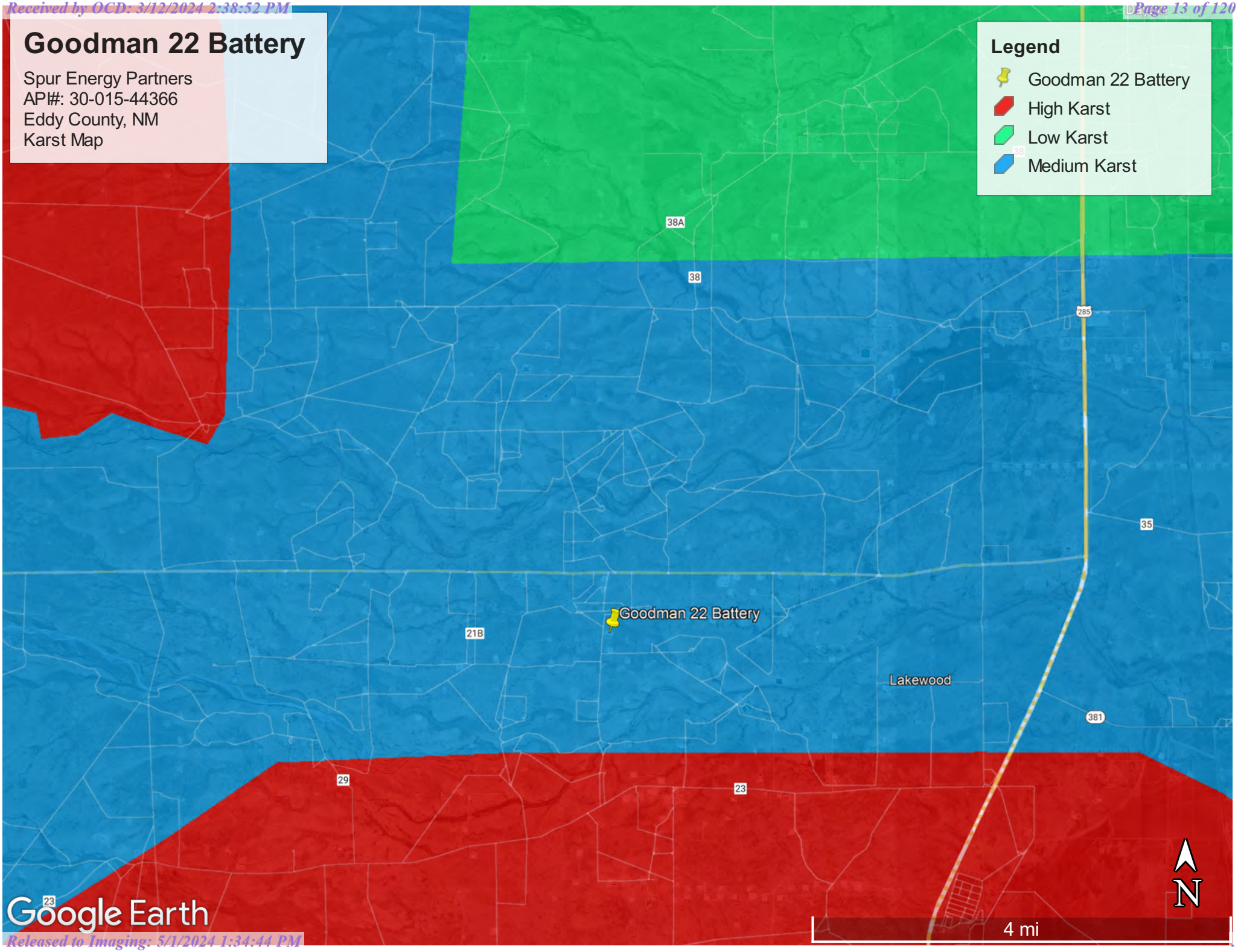
Goodman 22 Battery

Spur Energy Partners
API#: 30-015-44366
Eddy County, NM
Topographic Map



Goodman 22 Battery

Spur Energy Partners
API#: 30-015-44366
Eddy County, NM
Karst Map

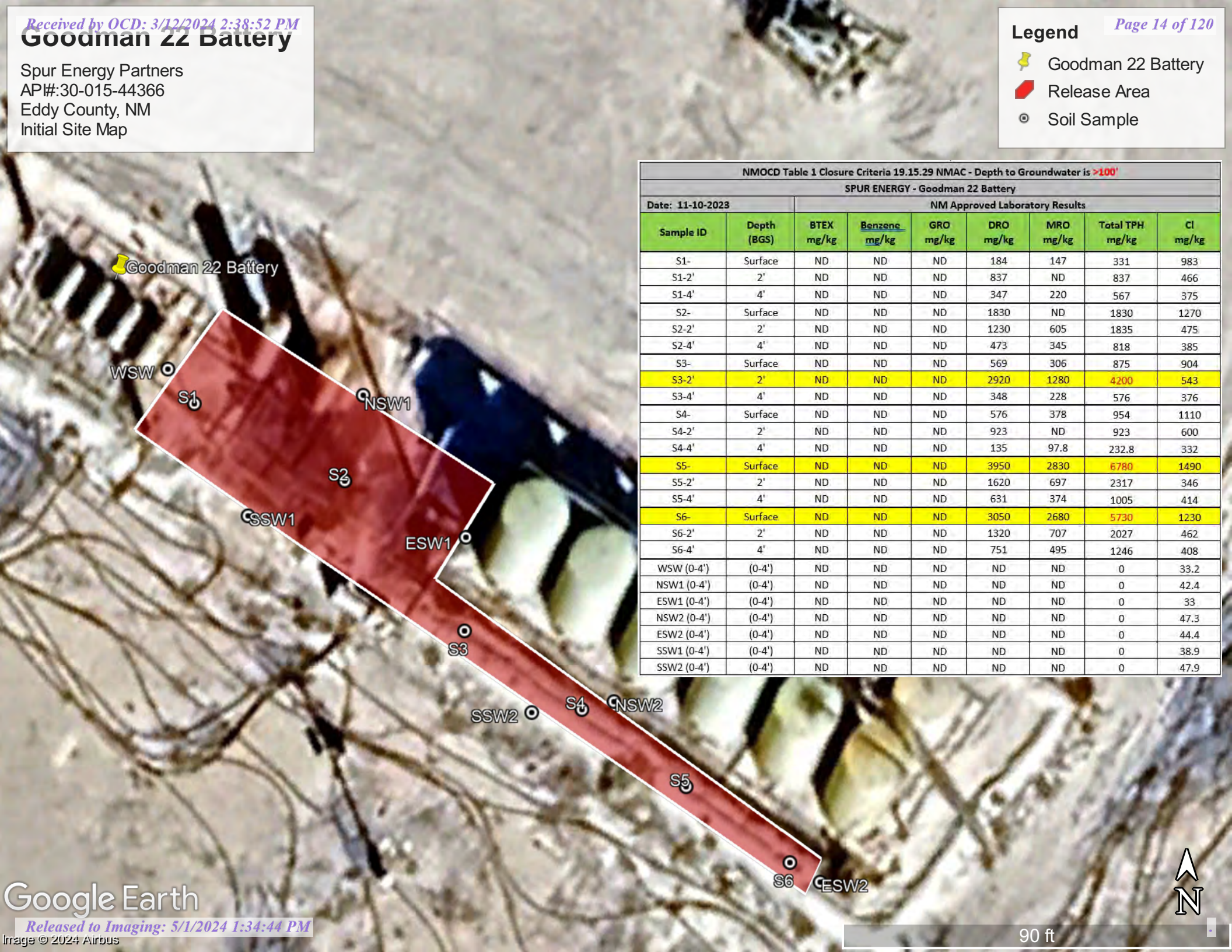


Goodman 22 Battery

Spur Energy Partners
API#:30-015-44366
Eddy County, NM
Initial Site Map

Legend

- Goodman 22 Battery
- Release Area
- Soil Sample



NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is >100'								
SPUR ENERGY - Goodman 22 Battery								
Date: 11-10-2023		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
S1-	Surface	ND	ND	ND	184	147	331	983
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NSW1 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	42.4
ESW1 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	33
NSW2 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	47.3
ESW2 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	44.4
SSW1 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	38.9
SSW2 (0-4')	(0-4')	ND	ND	ND	ND	ND	0	47.9

Goodman 22 Battery

Spur Energy Partners
API#:30-015-44366
Eddy County, NM
Confirmation Site Map

Legend

- 1' Excavation
- 2.5' Excavation
- Confirmation Bottom Sample
- Confirmation Side Wall Sample
- Goodman 22 Battery
- Superficial Excavation

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is >100'								
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CS4	1'	0.1685	ND	ND	370	370	740	389
CSW1	0-2.5'	ND	ND	ND	ND	ND	ND	28.2
CSW2	0-2.5'	ND	ND	ND	25.1	ND	25.1	30.5
CSW3	0-2.5'	ND	ND	ND	58.1	ND	58.1	44.1
CSW4	0-2.5'	ND	ND	ND	29	ND	29	34.7
CSW5	0-1'	ND	ND	ND	16	67.6	83.6	61.3
CSW6	0-1'	ND	ND	ND	63.7	ND	63.7	52.3
CSW7	0-1'	ND	ND	ND	59.1	ND	59.1	52
CSW8	0-1'	ND	ND	ND	ND	ND	ND	30.8

Goodman 22 Battery

Spur Energy Partners
API#:30-015-44366
Eddy County, NM
Confirmation Site Map

Legend

- 1' Excavation
- 2.5' Excavation
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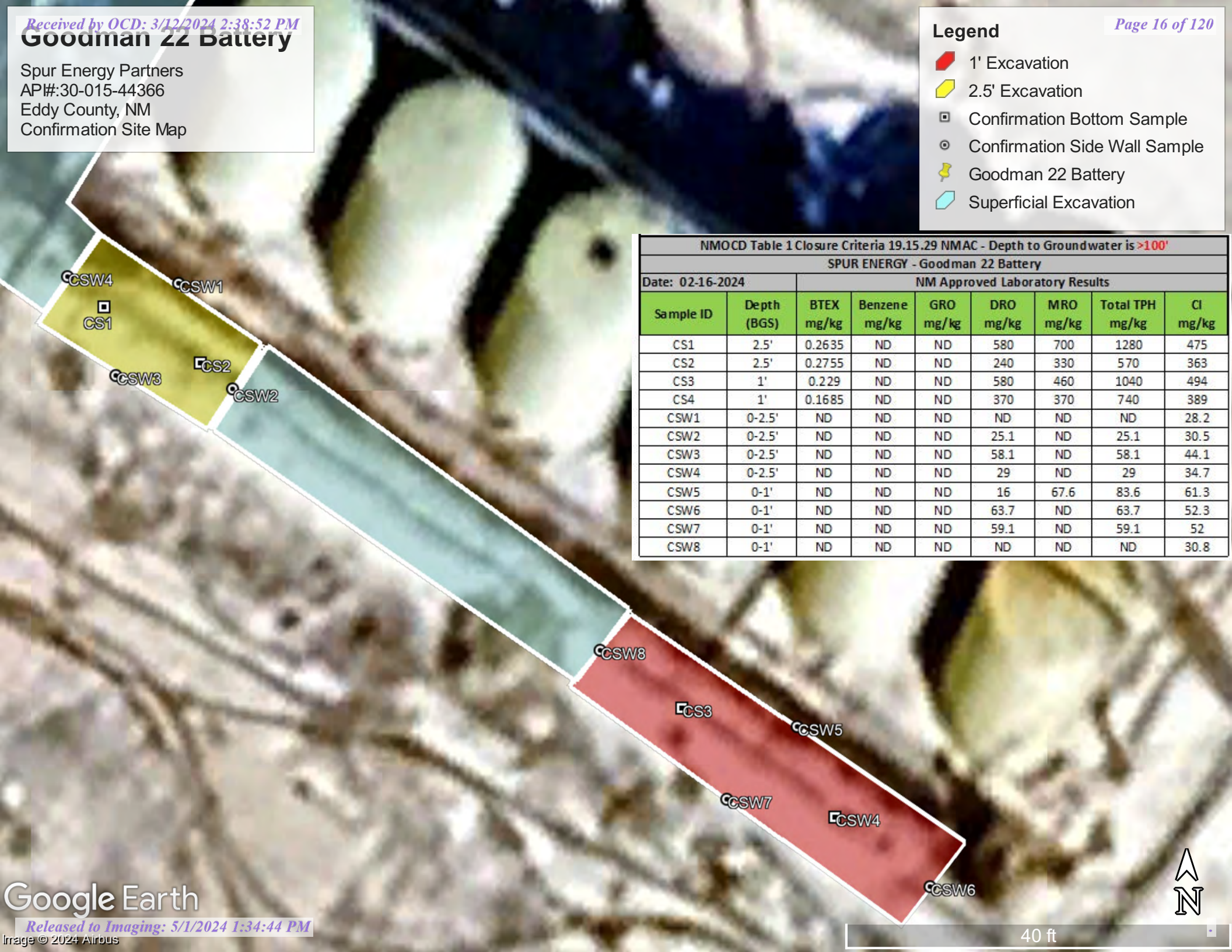
CSW1	0-2.5'	ND	ND	ND	ND	ND	ND	28.2
CSW2	0-2.5'	ND	ND	ND	25.1	ND	25.1	30.5
CSW3	0-2.5'	ND	ND	ND	58.1	ND	58.1	44.1
CSW4	0-2.5'	ND	ND	ND	29	ND	29	34.7
CSW5	0-1'	ND	ND	ND	16	67.6	83.6	61.3
CSW6	0-1'	ND	ND	ND	63.7	ND	63.7	52.3
CSW7	0-1'	ND	ND	ND	59.1	ND	59.1	52
CSW8	0-1'	ND	ND	ND	ND	ND	ND	30.8



Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

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 02909		RA	ED		1	3	22	19S	25E	548864	3611989*	526	188	130	58
RA 08986		RA	ED	1	3	3	22	19S	25E	548825	3611507	795	320	220	100
RA 03304		RA	ED			1	27	19S	25E	549081	3610973*	1141	130	60	70
RA 13122 POD2		RA	ED	3	3	2	21	19S	25E	547996	3612385	1421	108	102	6
RA 13122 POD1		RA	ED	1	3	2	21	19S	25E	547935	3612424	1489			
RA 05450		RA	CH		4	2	15	19S	25E	550057	3614015*	2055	204	80	124
RA 13210 POD1		RA	ED	3	2	4	23	19S	25E	551644	3611983	2263	101	82	19

Average Depth to Water: **112 feet**

Minimum Depth: **60 feet**

Maximum Depth: **220 feet**

Record Count: 7

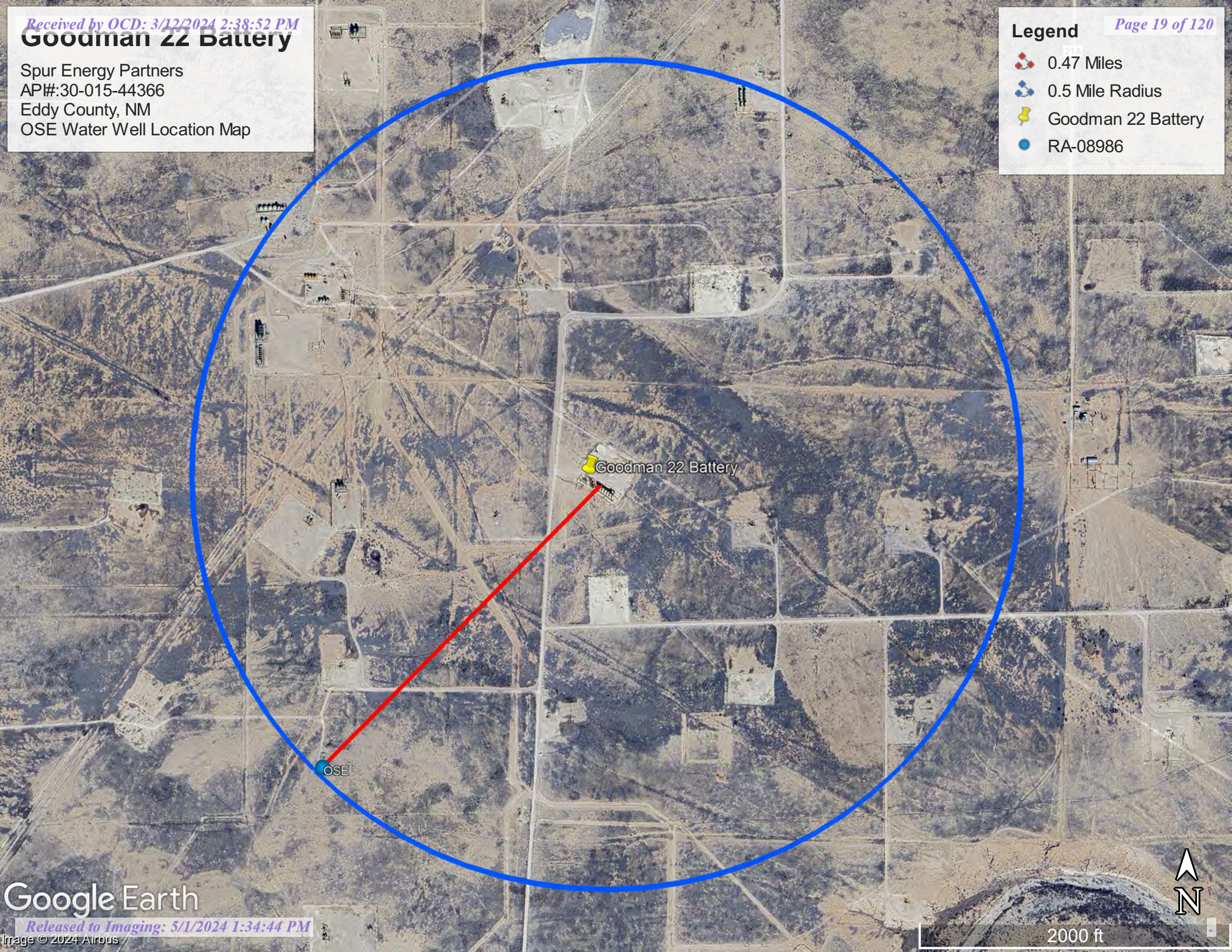
UTMNAD83 Radius Search (in meters):

Easting (X): 549383.16 **Northing (Y):** 3612073.6 **Radius:** 2500

***UTM location was derived from PLSS - see Help**

Goodman 22 Battery

Spur Energy Partners
API#:30-015-44366
Eddy County, NM
OSE Water Well Location Map



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 =

- 323842104283501

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

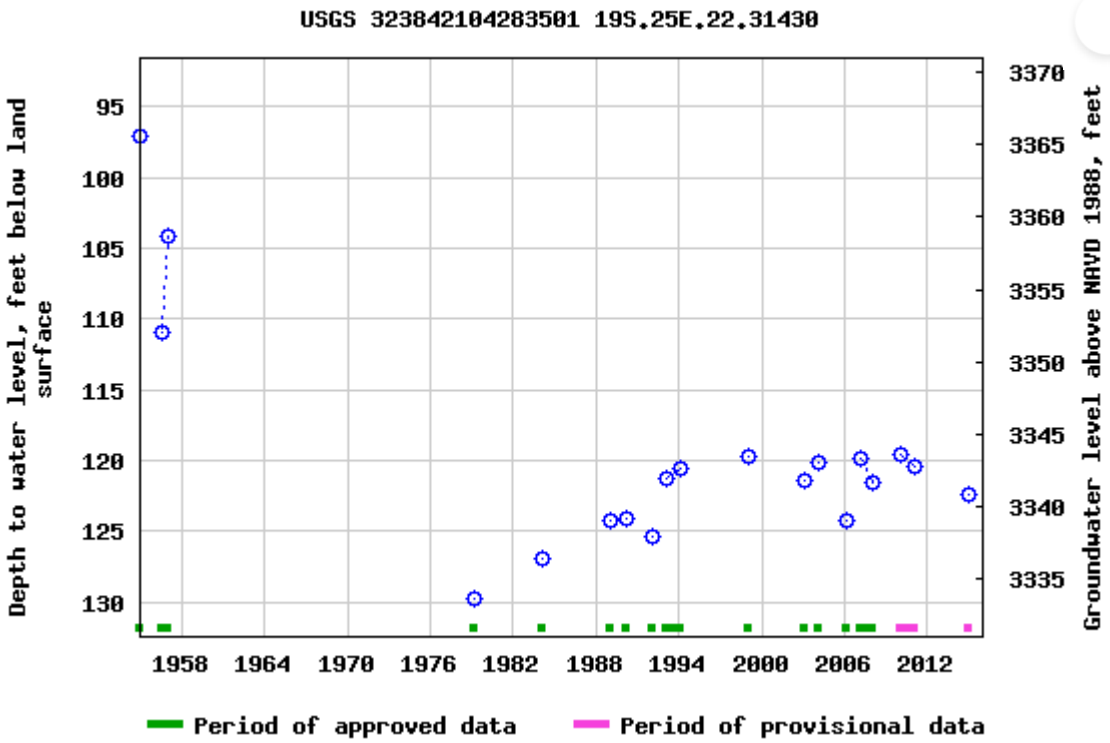
USGS 323842104283501 19S.25E.22.31430

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

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°38'42", Longitude 104°28'35" NAD27
Land-surface elevation 3,463 feet above NAVD88
The depth of the well is 180 feet below land surface.
This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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



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

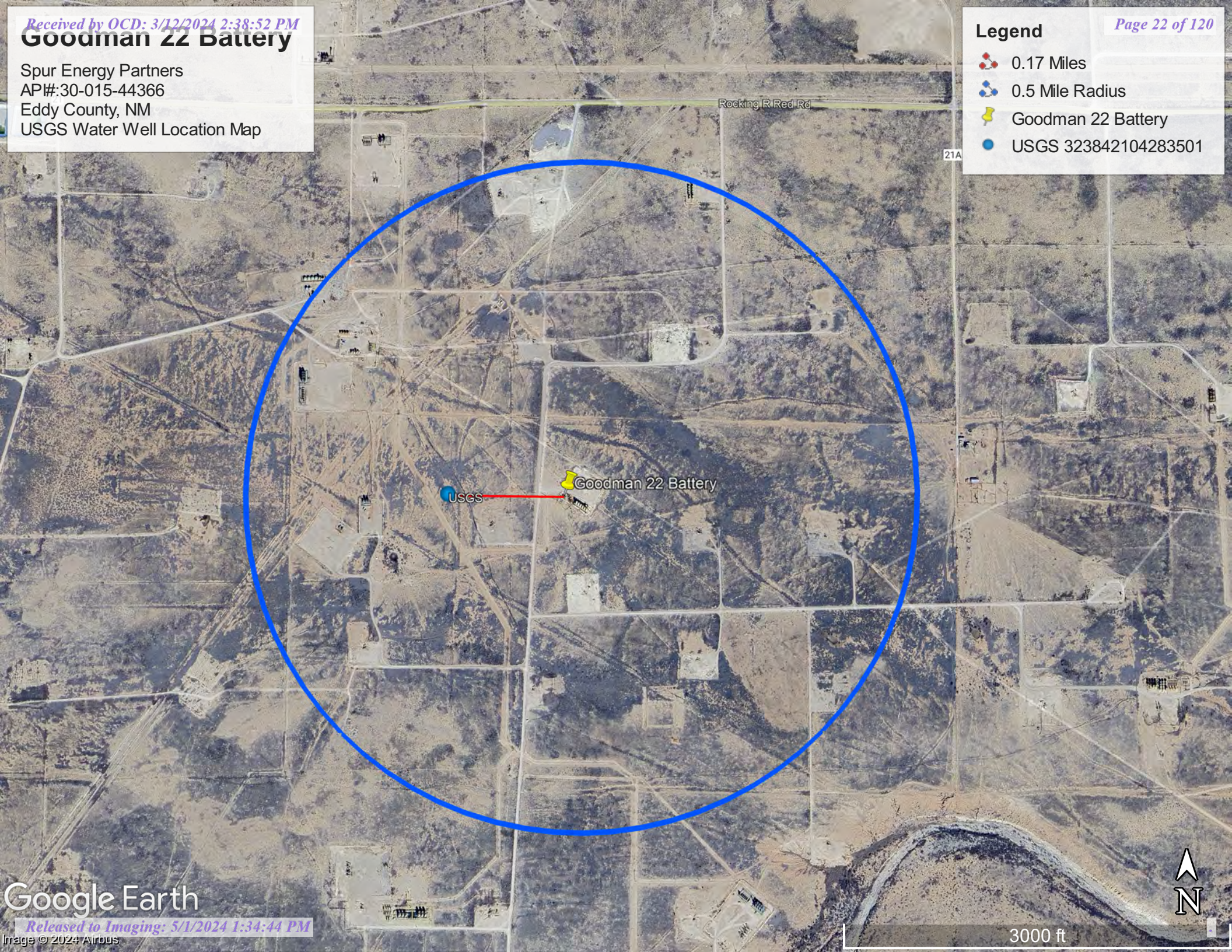
Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

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: 2023-11-22 15:06:52 EST
0.61 0.51 nadww01

Goodman 22 Battery

Spur Energy Partners
API#:30-015-44366
Eddy County, NM
USGS Water Well Location Map



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Eddy Area, New Mexico

RA—Reagan loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5c
Elevation: 1,100 to 4,400 feet
Mean annual precipitation: 7 to 14 inches
Mean annual air temperature: 60 to 70 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 60 inches: loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Minor Components

Upton
Percent of map unit: 1 percent
Ecological site: R070BC025NM - Shallow
Hydric soil rating: No

Atoka
Percent of map unit: 1 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

Soil Map—Eddy Area, New Mexico
(Goodman 22 Battery)

Map Scale: 1:1,940 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 25 50 100 150

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

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: Nov 12, 2022—Dec 2, 2022

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
RA	Reagan loam, 0 to 3 percent slopes	17.7	100.0%
Totals for Area of Interest		**17.7**	**100.0%**

Piedmont alluvial deposits

XML (/geology/state/xml/NMQp;0)

JSON (/geology/state/json/NMQp;0)

Shapefile (/geology/state/unit-shape.php?unit=NMQp;0)

Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits.

State	New Mexico (/geology/state/state.php?state=NM)
Name	Piedmont alluvial deposits
Geologic age	Holocene to lower Pleistocene
Lithologic constituents	Major Unconsolidated *(Alluvial)* *Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans*
References	Green, G.N., Jones, G.E., and Anderson, O.J., 1997, The Digital Geologic Map of New Mexico in ARC/INFO Format: U.S. Geological Survey Open-File Report 97-0052, 9 p., scale 1:500,000. https://pubs.er.usgs.gov/publication/ofr9752 (https://pubs.er.usgs.gov/publication/ofr9752)

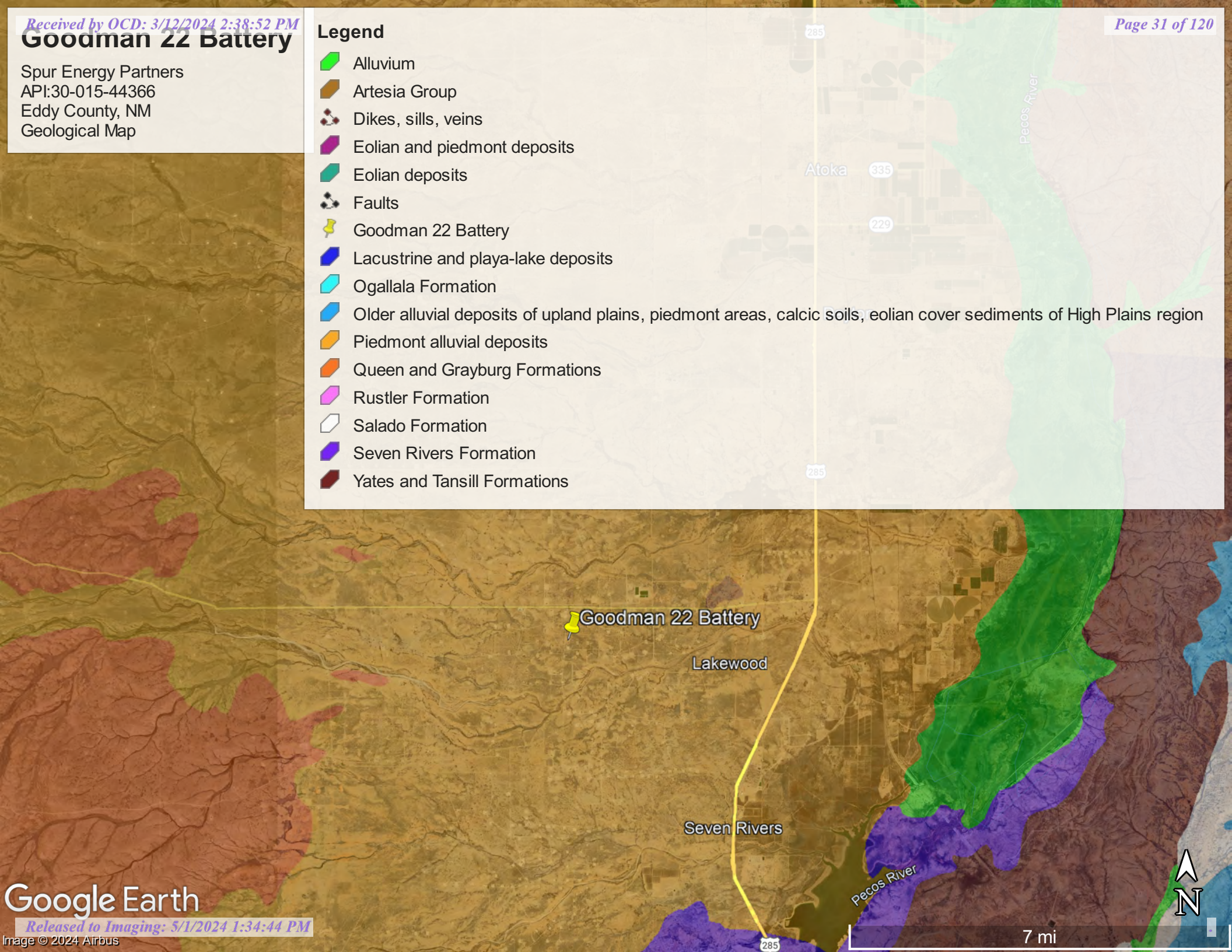
NGMDB product	NGMDB product page for 59219 (https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm) NGMDB product page for 22974 (https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)
Counties	Bernalillo (/geology/state/fips-unit.php?code=f35001) - Catron (/geology/state/fips-unit.php?code=f35003) - Chaves (/geology/state/fips-unit.php?code=f35005) - Colfax (/geology/state/fips-unit.php?code=f35007) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Dona Ana (/geology/state/fips-unit.php?code=f35013) - Eddy (/geology/state/fips-unit.php?code=f35015) - Grant (/geology/state/fips-unit.php?code=f35017) - Guadalupe (/geology/state/fips-unit.php?code=f35019) - Hidalgo (/geology/state/fips-unit.php?code=f35023) - Lea (/geology/state/fips-unit.php?code=f35025) - Lincoln (/geology/state/fips-unit.php?code=f35027) - Los Alamos (/geology/state/fips-unit.php?code=f35028) - Luna (/geology/state/fips-unit.php?code=f35029) - Mora (/geology/state/fips-unit.php?code=f35033) - Otero (/geology/state/fips-unit.php?code=f35035) - Quay (/geology/state/fips-unit.php?code=f35037) - Rio Arriba (/geology/state/fips-unit.php?code=f35039) - Roosevelt (/geology/state/fips-unit.php?code=f35041) - Sandoval (/geology/state/fips-unit.php?code=f35043) - San Miguel (/geology/state/fips-unit.php?code=f35047) - Santa Fe (/geology/state/fips-unit.php?code=f35049) - Sierra (/geology/state/fips-unit.php?code=f35051) - Socorro (/geology/state/fips-unit.php?code=f35053) - Taos (/geology/state/fips-unit.php?code=f35055) - Torrance (/geology/state/fips-unit.php?code=f35057) - Valencia (/geology/state/fips-unit.php?code=f35061)

Goodman 22 Battery

Spur Energy Partners
API:30-015-44366
Eddy County, NM
Geological Map

Legend

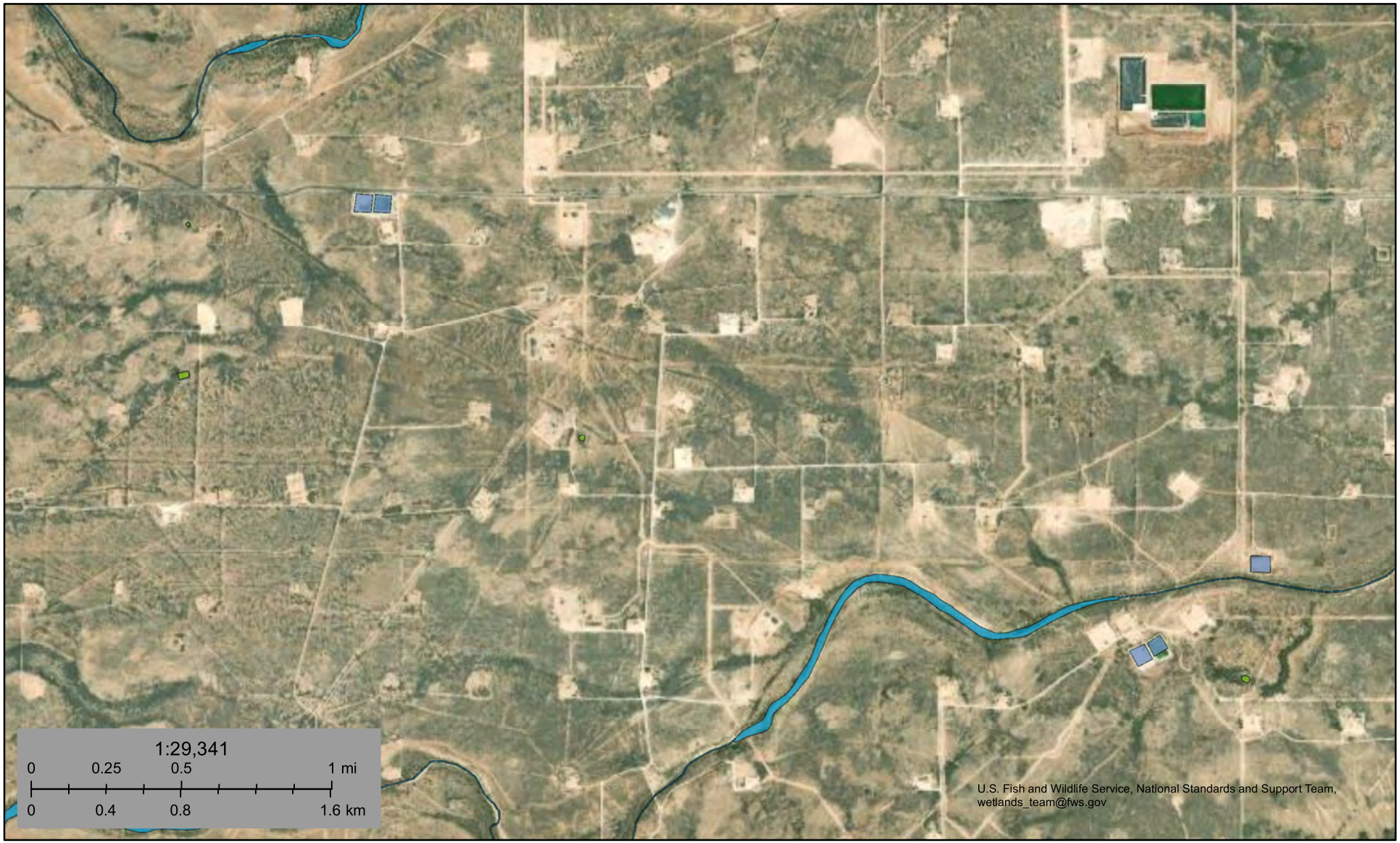
- Alluvium
- Artesia Group
- Dikes, sills, veins
- Eolian and piedmont deposits
- Eolian deposits
- Faults
- Goodman 22 Battery
- Lacustrine and playa-lake deposits
- Ogallala Formation
- Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region
- Piedmont alluvial deposits
- Queen and Grayburg Formations
- Rustler Formation
- Salado Formation
- Seven Rivers Formation
- Yates and Tansill Formations



Google Earth

U.S. Fish and Wildlife Service
National Wetlands Inventory

Goodman 22 Battery



February 29, 2024

Wetlands

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

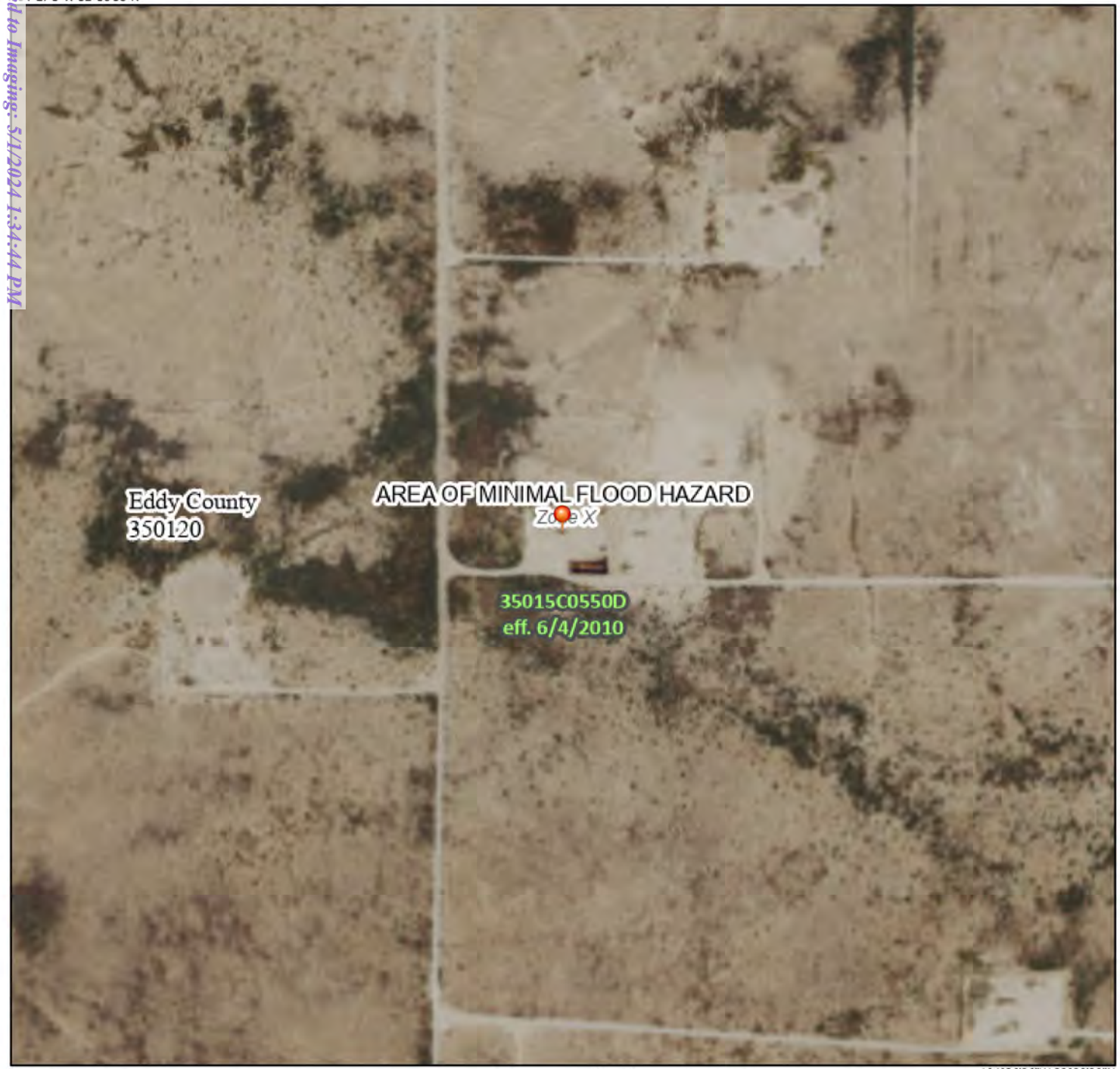
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

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

National Flood Hazard Layer FIRMette

FEMA

104°27'3"W 32°38'58"N



Feet
0 250 500 1,000 1,500 2,000
1:6,000

104°26'26"W 32°38'28"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*

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 2/29/2024 at 12:22 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.

Pima Environmental Services

Appendix B

48-Hour Notification

Sebastian@pimaoil.com

From: OCDOnline@state.nm.us
Sent: Wednesday, February 14, 2024 3:05 PM
To: sebastian@pimaoil.com
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 314467

To whom it may concern (c/o Sebastian Orozco for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2331037699.

The sampling event is expected to take place:

When: 02/16/2024 @ 15:00
Where: K-22-19S-25E 0 FNL 0 FEL (32.64524,-104.47353)

Additional Information: Andrew Franco 806-200-0054

Additional Instructions: From Artesia, NM head south on S 1st St/US Hwy 285 S and continue for 12.9 miles. Make a right hand turn onto Rocking R Red Rd and continue west for 4.3 miles. Make a left turn onto an unnamed dirt road and continue for 0.86 miles. Make a left-hand turn and you have arrived at he engineered pad.

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

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

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

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Pima Environmental Services

Appendix D

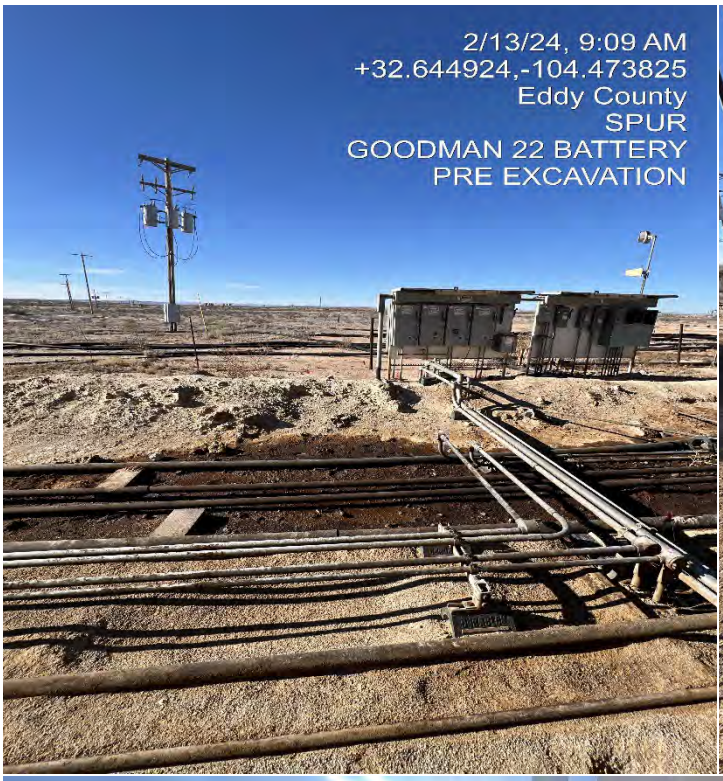
Photographic Documentation

SPUR ENERGY PARTNER

GOODMAN 22 BATTERY

SITE PHOTOGRAPHS

PRE-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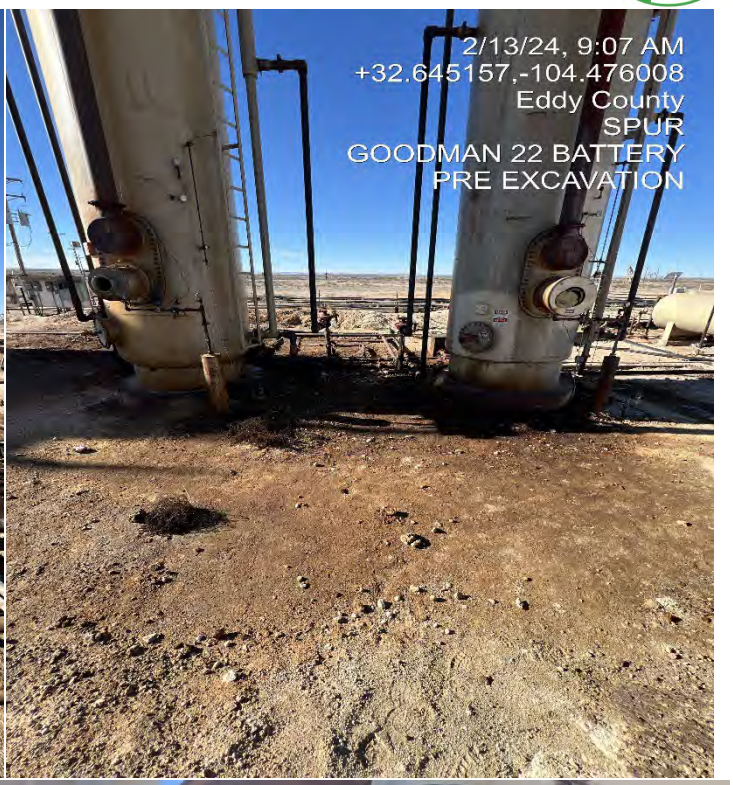
Eddy County
SPUR
GOODMAN 22 BATTERY
PRE EXCAVATION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Eddy County
SPUR
GOODMAN 22 BATTERY
PRE EXCAVATION


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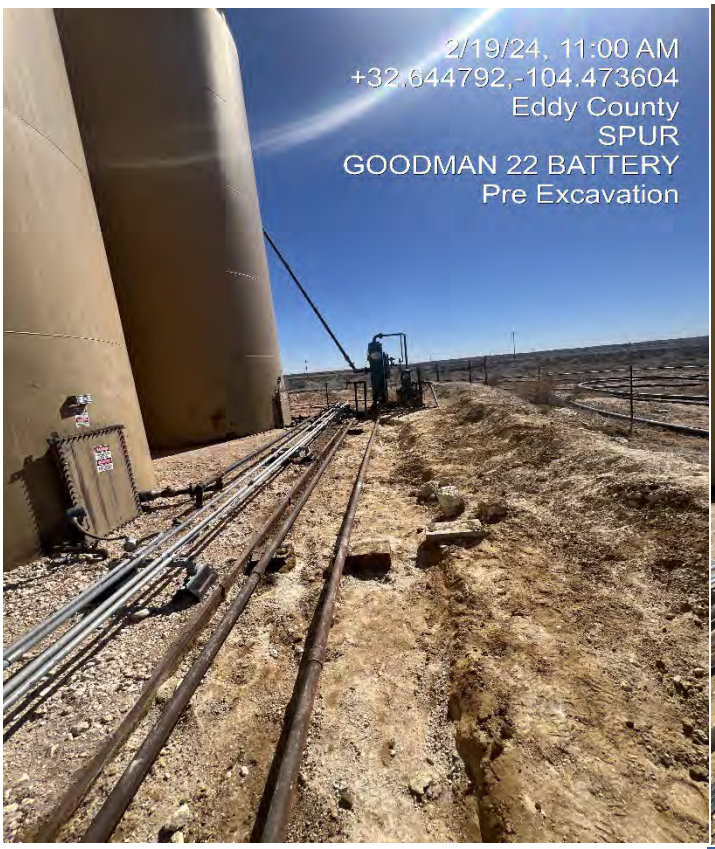
Eddy County
SPUR
GOODMAN 22 BATTERY
PRE EXCAVATION

2

EXCAVATION-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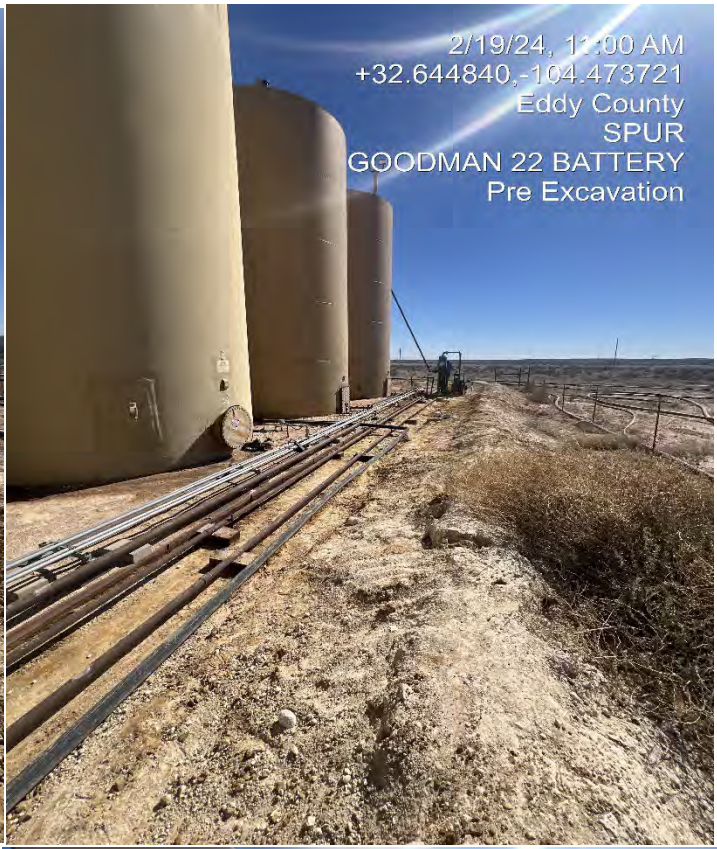
Eddy County
SPUR
GOODMAN 22 BATTERY
Pre Excavation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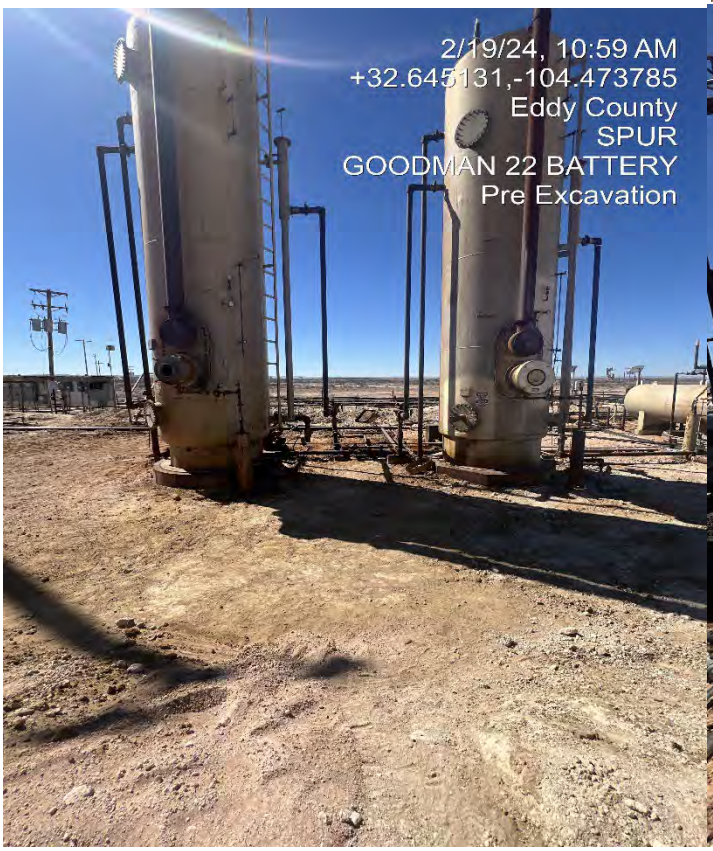
GOODMAN 22 BATTERY
Pre Excavation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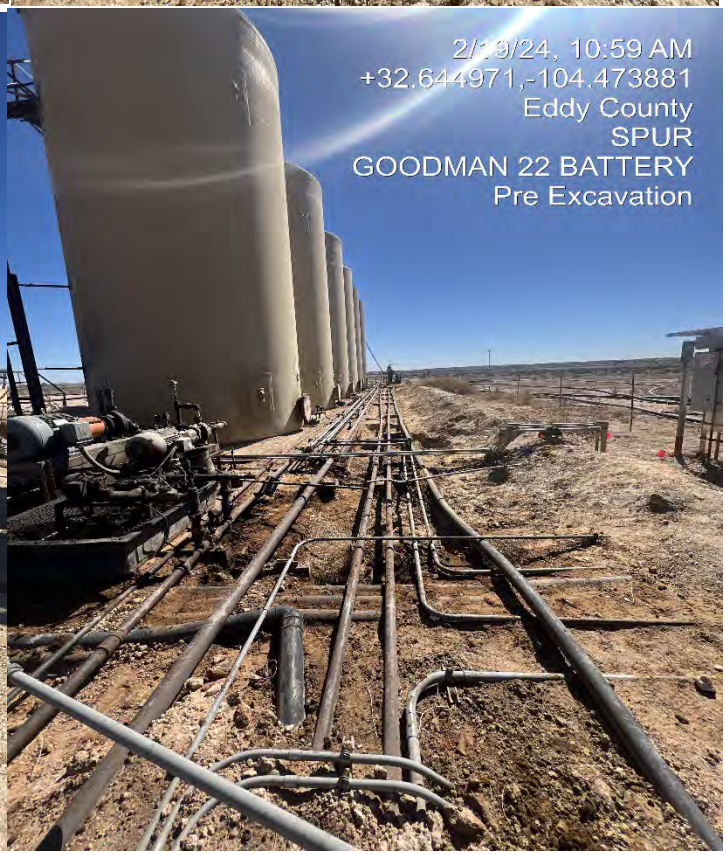
GOODMAN 22 BATTERY
Pre Excavation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Eddy County
SPUR
GOODMAN 22 BATTERY
Pre Excavation


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Eddy County
SPUR
GOODMAN 22 BATTERY
Pre Excavation


2/19/24, 11:01 AM
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Eddy County
SPUR
GOODMAN 22 BATTERY
Pre Excavation


2/19/24, 11:00 AM
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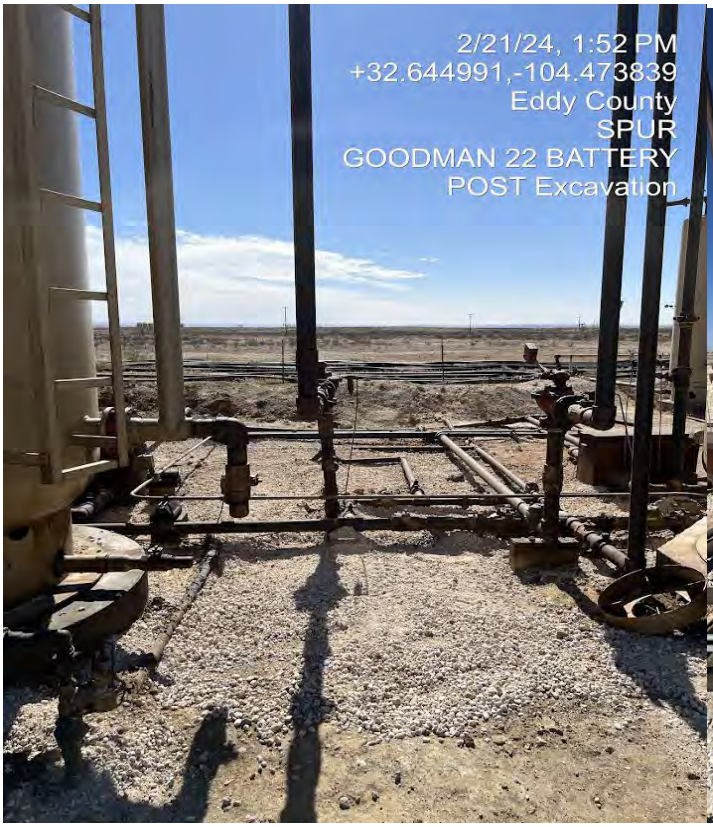
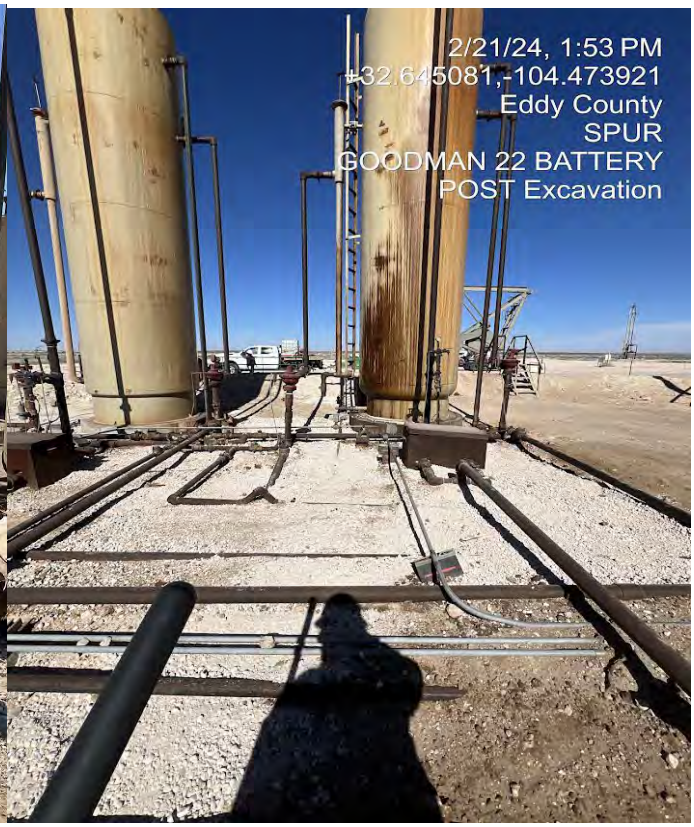
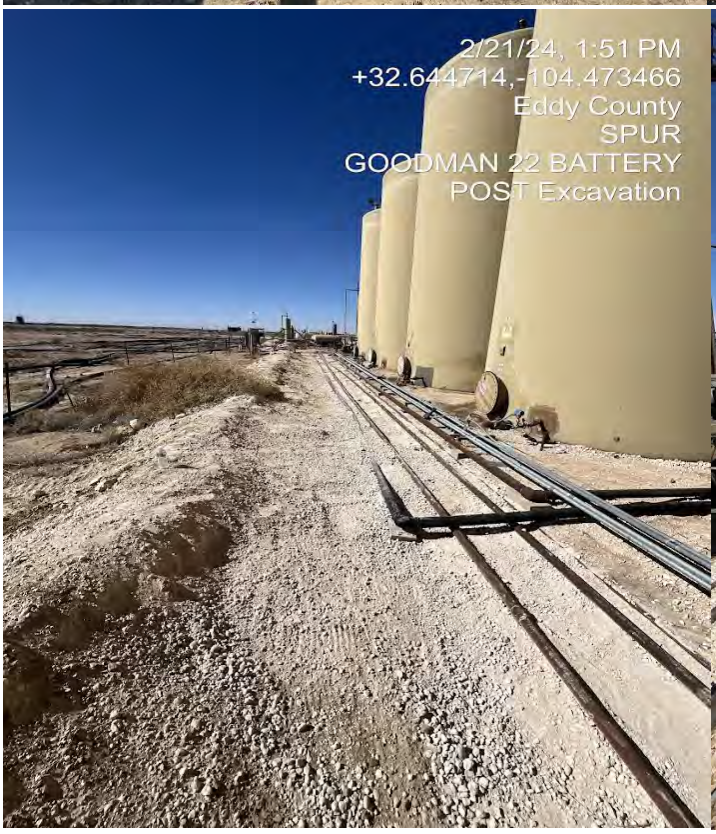
Eddy County
SPUR
GOODMAN 22 BATTERY
Pre Excavation

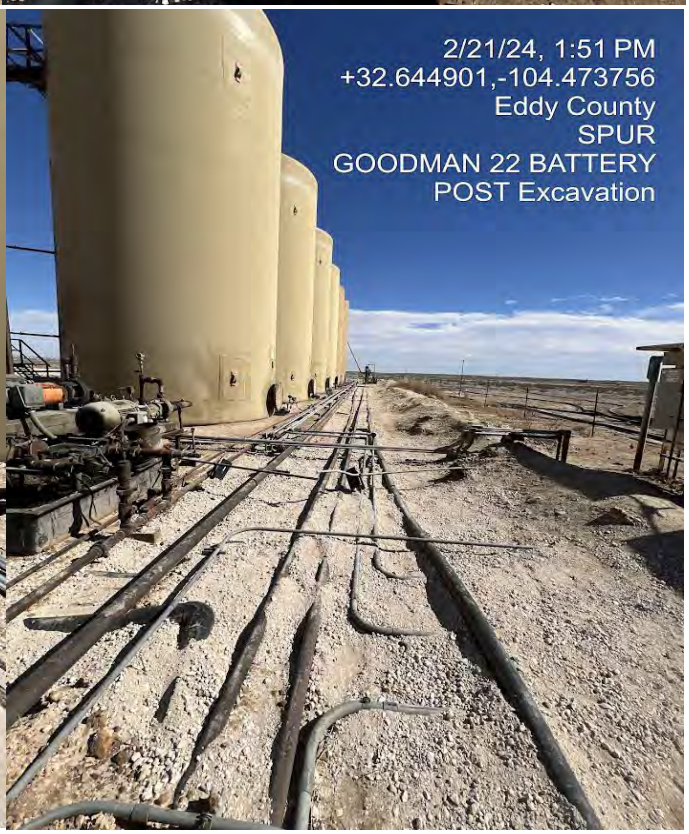
4

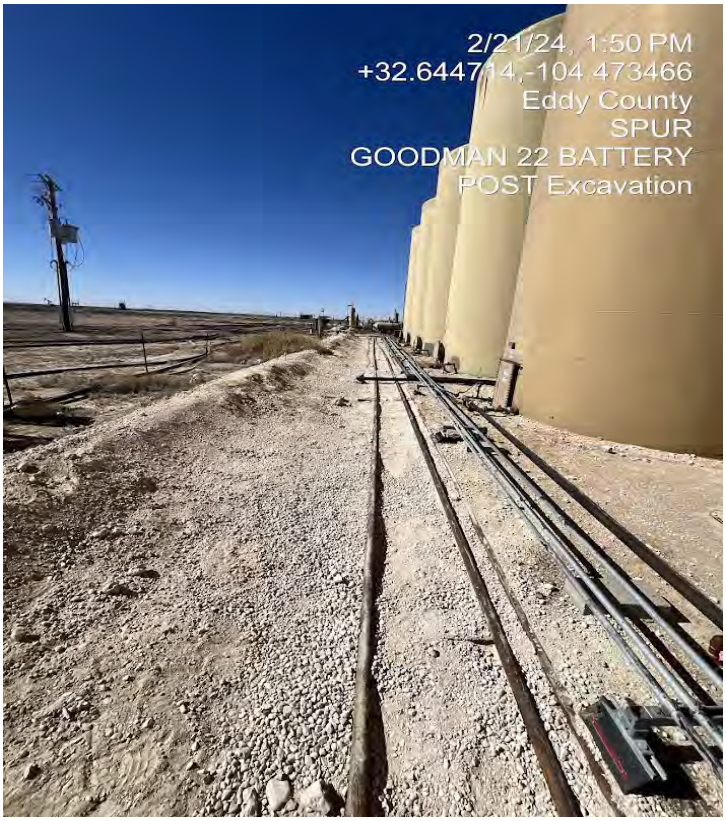
POST BACKFILL-







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+32.644714,-104.473466
Eddy County
SPUR
GOODMAN 22 BATTERY
POST Excavation

Pima Environmental Services

Appendix E

Laboratory Reports

Field Notes

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:	Good Man 22 Battery
Work Order:	E311115
Job Number:	21068-0001
Received:	11/14/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/27/23

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: 11/27/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Good Man 22 Battery
Workorder: E311115
Date Received: 11/14/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/14/2023 8:15:00AM, under the Project Name: Good Man 22 Battery.

The analytical test results summarized in this report with the Project Name: Good Man 22 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
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Golzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/23 13:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1- SURFACE	E311115-01A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S1-2'	E311115-02A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S1-4'	E311115-03A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S2- SURFACE	E311115-04A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S2-2'	E311115-05A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S2-4'	E311115-06A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S3- SURFACE	E311115-07A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S3- 2'	E311115-08A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S3- 4'	E311115-09A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S4- SURFACE	E311115-10A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S4-2'	E311115-11A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S4-4'	E311115-12A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S5-SURFACE	E311115-13A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S5-2'	E311115-14A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S5-4'	E311115-15A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S6-SURFACE	E311115-16A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S6-2'	E311115-17A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S6-4'	E311115-18A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
WSW (0-4')	E311115-19A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
NSW1 (0-4')	E311115-20A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
ESW1 (0-4')	E311115-21A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
NSW2 (0-4')	E311115-22A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
ESW2 (0-4')	E311115-23A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
SSW1 (0-4')	E311115-24A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
SSW2 (0-4')	E311115-25A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S1- SURFACE

E311115-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**184**	50.0	2	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**147**	100	2	11/17/23	11/18/23	
Surrogate: n-Nonane		*71.0 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**983**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S1-2'

E311115-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**837**	250	10	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	500	10	11/17/23	11/18/23	
Surrogate: n-Nonane		*83.1 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**466**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S1-4'

E311115-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**347**	50.0	2	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**220**	100	2	11/17/23	11/18/23	
Surrogate: n-Nonane		*84.3 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**375**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S2- SURFACE

E311115-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**1830**	1250	50	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	2500	50	11/17/23	11/18/23	
Surrogate: n-Nonane		*80.7 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**1270**	20.0	1	11/17/23	11/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S2-2'

E311115-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**1230**	250	10	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**605**	500	10	11/17/23	11/18/23	
Surrogate: n-Nonane		*86.2 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**475**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S2-4'

E311115-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**473**	125	5	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**345**	250	5	11/17/23	11/18/23	
Surrogate: n-Nonane		*86.9 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**385**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S3- SURFACE

E311115-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**569**	125	5	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**306**	250	5	11/17/23	11/18/23	
Surrogate: n-Nonane		*73.9 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**904**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S3- 2'

E311115-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	**0.0943**	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	**0.110**	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	**0.193**	0.0500	1	11/16/23	11/19/23	
Total Xylenes	**0.303**	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**2920**	500	20	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**1280**	1000	20	11/17/23	11/18/23	
Surrogate: n-Nonane		*82.4 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**543**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S3- 4'

E311115-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**348**	50.0	2	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**228**	100	2	11/17/23	11/18/23	
Surrogate: n-Nonane		*86.5 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**376**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S4- SURFACE

E311115-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**576**	125	5	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**378**	250	5	11/17/23	11/18/23	
Surrogate: n-Nonane		*69.1 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**1110**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S4-2'

E311115-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**923**	250	10	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	500	10	11/17/23	11/18/23	
Surrogate: n-Nonane		*86.2 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**600**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S4-4'

E311115-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**135**	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**97.8**	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*90.0 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**332**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S5-SURFACE

E311115-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**3950**	500	20	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**2830**	1000	20	11/17/23	11/18/23	
Surrogate: n-Nonane		*91.3 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**1490**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S5-2'

E311115-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**1620**	250	10	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**697**	500	10	11/17/23	11/18/23	
Surrogate: n-Nonane		*88.4 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**346**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S5-4'

E311115-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**631**	50.0	2	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**374**	100	2	11/17/23	11/18/23	
Surrogate: n-Nonane		*86.1 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**414**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S6-SURFACE

E311115-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**3050**	1250	50	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**2680**	2500	50	11/17/23	11/18/23	
Surrogate: n-Nonane		*91.9 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**1230**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S6-2'

E311115-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**1320**	250	10	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**707**	500	10	11/17/23	11/18/23	
Surrogate: n-Nonane		*87.9 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**462**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

S6-4'

E311115-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	**751**	125	5	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	**495**	250	5	11/17/23	11/18/23	
Surrogate: n-Nonane		*86.8 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**408**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

WSW (0-4')

E311115-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*87.0 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**33.2**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

NSW1 (0-4')

E311115-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Benzene	ND	0.0250	1	11/16/23	11/19/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/19/23	
Toluene	ND	0.0250	1	11/16/23	11/19/23	
o-Xylene	ND	0.0250	1	11/16/23	11/19/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/19/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.1 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346096
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*11/16/23*	*11/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346102
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*84.3 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346105
Chloride	**42.4**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

ESW1 (0-4')

E311115-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**33.0**	20.0	1	11/17/23	11/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

NSW2 (0-4')

E311115-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**47.3**	20.0	1	11/17/23	11/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

ESW2 (0-4')

E311115-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**44.4**	20.0	1	11/17/23	11/20/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

SSW1 (0-4')

E311115-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**38.9**	20.0	1	11/17/23	11/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

SSW2 (0-4')

E311115-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**47.9**	20.0	1	11/17/23	11/21/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346096-BLK1)									Prepared: 11/16/23 Analyzed: 11/19/23
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	*7.35*		*8.00*		*91.9*	*70-130*			
LCS (2346096-BS1)									Prepared: 11/16/23 Analyzed: 11/19/23
Benzene	4.34	0.0250	5.00		86.8	70-130			
Ethylbenzene	4.31	0.0250	5.00		86.1	70-130			
Toluene	4.43	0.0250	5.00		88.6	70-130			
o-Xylene	4.40	0.0250	5.00		88.1	70-130			
p,m-Xylene	8.91	0.0500	10.0		89.1	70-130			
Total Xylenes	13.3	0.0250	15.0		88.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.44*		*8.00*		*93.0*	*70-130*			
Matrix Spike (2346096-MS1)				**Source: E311115-04**					Prepared: 11/16/23 Analyzed: 11/19/23
Benzene	4.47	0.0250	5.00	ND	89.4	54-133			
Ethylbenzene	4.45	0.0250	5.00	ND	88.9	61-133			
Toluene	4.57	0.0250	5.00	ND	91.4	61-130			
o-Xylene	4.56	0.0250	5.00	ND	91.2	63-131			
p,m-Xylene	9.20	0.0500	10.0	ND	92.0	63-131			
Total Xylenes	13.8	0.0250	15.0	ND	91.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.90*		*8.00*		*98.8*	*70-130*			
Matrix Spike Dup (2346096-MSD1)				**Source: E311115-04**					Prepared: 11/16/23 Analyzed: 11/19/23
Benzene	4.49	0.0250	5.00	ND	89.8	54-133	0.384	20	
Ethylbenzene	4.48	0.0250	5.00	ND	89.6	61-133	0.746	20	
Toluene	4.59	0.0250	5.00	ND	91.9	61-130	0.550	20	
o-Xylene	4.59	0.0250	5.00	ND	91.8	63-131	0.655	20	
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	63-131	0.709	20	
Total Xylenes	13.9	0.0250	15.0	ND	92.4	63-131	0.691	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.88*		*8.00*		*98.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346097-BLK1)									Prepared: 11/16/23 Analyzed: 11/17/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.80*		*8.00*		*97.6*	*70-130*			
LCS (2346097-BS1)									Prepared: 11/16/23 Analyzed: 11/17/23
Benzene	4.68	0.0250	5.00		93.6	70-130			
Ethylbenzene	4.66	0.0250	5.00		93.3	70-130			
Toluene	4.69	0.0250	5.00		93.8	70-130			
o-Xylene	4.70	0.0250	5.00		94.0	70-130			
p,m-Xylene	9.51	0.0500	10.0		95.1	70-130			
Total Xylenes	14.2	0.0250	15.0		94.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.8*	*70-130*			
Matrix Spike (2346097-MS1)				**Source: E311115-22**					Prepared: 11/16/23 Analyzed: 11/17/23
Benzene	5.31	0.0250	5.00	ND	106	54-133			
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133			
Toluene	5.30	0.0250	5.00	ND	106	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	16.0	0.0250	15.0	ND	107	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.7*	*70-130*			
Matrix Spike Dup (2346097-MSD1)				**Source: E311115-22**					Prepared: 11/16/23 Analyzed: 11/17/23
Benzene	5.21	0.0250	5.00	ND	104	54-133	1.82	20	
Ethylbenzene	5.16	0.0250	5.00	ND	103	61-133	1.81	20	
Toluene	5.19	0.0250	5.00	ND	104	61-130	2.07	20	
o-Xylene	5.18	0.0250	5.00	ND	104	63-131	1.91	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	2.03	20	
Total Xylenes	15.7	0.0250	15.0	ND	104	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.04*		*8.00*		*101*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346096-BLK1)									Prepared: 11/16/23 Analyzed: 11/19/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.53*		*8.00*		*94.1*	*70-130*			
LCS (2346096-BS2)									Prepared: 11/16/23 Analyzed: 11/19/23
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.7*	*70-130*			
Matrix Spike (2346096-MS2)				**Source: E311115-04**					Prepared: 11/16/23 Analyzed: 11/19/23
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike Dup (2346096-MSD2)				**Source: E311115-04**					Prepared: 11/16/23 Analyzed: 11/19/23
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	88.0	70-130	6.21	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346097-BLK1)									Prepared: 11/16/23 Analyzed: 11/17/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.42*		*8.00*		*92.7*	*70-130*			
LCS (2346097-BS2)									Prepared: 11/16/23 Analyzed: 11/17/23
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.3*	*70-130*			
Matrix Spike (2346097-MS2)				**Source: E311115-22**					Prepared: 11/16/23 Analyzed: 11/17/23
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
Matrix Spike Dup (2346097-MSD2)				**Source: E311115-22**					Prepared: 11/16/23 Analyzed: 11/17/23
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.2	70-130	5.09	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

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 (2346102-BLK1)									Prepared: 11/17/23 Analyzed: 11/18/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.8*		*50.0*		*89.7*	*50-200*			
LCS (2346102-BS1)									Prepared: 11/17/23 Analyzed: 11/18/23
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.3*	*50-200*			
Matrix Spike (2346102-MS1)				**Source: E311115-04**					Prepared: 11/17/23 Analyzed: 11/18/23
Diesel Range Organics (C10-C28)	1780	1250	250	1830	NR	38-132			M4
Surrogate: n-Nonane	*40.7*		*50.0*		*81.5*	*50-200*			
Matrix Spike Dup (2346102-MSD1)				**Source: E311115-04**					Prepared: 11/17/23 Analyzed: 11/18/23
Diesel Range Organics (C10-C28)	2050	1250	250	1830	87.7	38-132	14.4	20	
Surrogate: n-Nonane	*43.7*		*50.0*		*87.4*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

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 (2346104-BLK1)									Prepared: 11/17/23 Analyzed: 11/18/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*50-200*			
LCS (2346104-BS1)									Prepared: 11/17/23 Analyzed: 11/18/23
Diesel Range Organics (C10-C28)	259	25.0	250		104	38-132			
Surrogate: n-Nonane	*52.3*		*50.0*		*105*	*50-200*			
Matrix Spike (2346104-MS1)				**Source: E311115-25**					Prepared: 11/17/23 Analyzed: 11/18/23
Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*50-200*			
Matrix Spike Dup (2346104-MSD1)				**Source: E311115-25**					Prepared: 11/17/23 Analyzed: 11/18/23
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	38-132	3.54	20	
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

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 (2346105-BLK1)									Prepared: 11/17/23 Analyzed: 11/17/23
Chloride	ND	20.0							
LCS (2346105-BS1)									Prepared: 11/17/23 Analyzed: 11/20/23
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2346105-MS1)				**Source: E311115-04**					Prepared: 11/17/23 Analyzed: 11/20/23
Chloride	1540	20.0	250	1270	107	80-120			
Matrix Spike Dup (2346105-MSD1)				**Source: E311115-04**					Prepared: 11/17/23 Analyzed: 11/20/23
Chloride	1620	20.0	250	1270	140	80-120	5.17	20	M4

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 1:56:28PM

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 (2346107-BLK1)									Prepared: 11/17/23 Analyzed: 11/20/23
Chloride	ND	20.0							
LCS (2346107-BS1)									Prepared: 11/17/23 Analyzed: 11/20/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2346107-MS1)				**Source: E311115-23**					Prepared: 11/17/23 Analyzed: 11/20/23
Chloride	300	20.0	250	44.4	102	80-120			
Matrix Spike Dup (2346107-MSD1)				**Source: E311115-23**					Prepared: 11/17/23 Analyzed: 11/20/23
Chloride	301	20.0	250	44.4	103	80-120	0.550	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:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/23 13:56

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Project Information | Chain of Custody | Page 1 of 3

Client: Pima Environmental Services	Bill To
Project: Goodman 22 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 # 6-201
Report due by:	

Lab Use Only: Lab WO# E311115 | 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 NM	Remarks
8:00	11/10	S		S1-Surface	1	X	
8:12	"	"	"	S1-2'	2	"	
8:16	"	"	"	S1-4'	3	"	
8:17	"	"	"	S2-Surface	4	"	
8:22	"	"	"	S2-2'	5	"	
8:31	"	"	"	S2-4'	6	"	
8:39	"	"	"	S3-Surface	7	"	
8:41	"	"	"	S3-2'	8	"	
8:53	"	"	"	S3-4'	9	"	
8:59	"	"	"	S4-Surface	10	"	

Additional Instructions: B# 7010-7410 / 999110

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			[signature]	11-8-23	1500
[signature]	11-13-23	1715	[signature]	11-13-23	1830
[signature]	11-13-23	2400	[signature]	11/14/23	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

Project Information | Chain of Custody | Page 2 of 3

Client: Pima Environmental Services	Bill To
Project: Goodman 22 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 # 6-201
Report due by:	

Lab Use Only: Lab WO# E311115 | 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 X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
9:10	11/10	S		SH-2'	11	
9:17				SH-4'	12	
9:23				S5-Surface	13	
9:30				S5-2'	14	
9:36				S5-4'	15	
9:41				S6-Surface	16	
9:49				S6-2'	17	
9:53				S6-4'	18	
9:59				WSW (0-4')	19	
10:11				NSW1 (0-4')	20	

Additional Instructions: B#7010-7410 / 999110

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
Kevin Adame			Michelle Gaye	11-13-23	1500
Michelle Gaye	11-13-23	1715	Andrew Musso	11-13-23	1830
Andrew Musso	11-13-23	2100		11/14/23	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.

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Project Information | Chain of Custody | Page 3 of 3

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Goodman 22 Battery	Attention: Spur	Lab WO# E311115
Project Manager: Tom Bynum	Address:	Job Number 21068-0001
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 # 6-201	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					RCRA

State					
NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:19	11/10	S		ESW1 (0-4')	21							X		
10:25				NSW2 (0-4')	22									
10:31				ESW2 (0-4')	23									
10:39				SSW1 (0-4')	24									
10:41				SSW2 (0-4')	25									

Additional Instructions: B# 7010-7410 / 999110

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			Michelle Cruz	11-13-23	1505
Michelle Cruz	11-13-23	1715	Andrew Munoz	11.13.23	1830
Andrew Munoz	11.13.23	2400	Emanuel	11/14/23	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.

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Envirotech Analytical Laboratory

Printed: 11/14/2023 8:27:49AM

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:	11/14/23 08:15	Work Order ID:	E311115
Phone:	(575) 631-6977	Date Logged In:	11/14/23 08:17	Logged In By:	Jordan Montano
Email:	tom@pimaoil.com	Due Date:	11/20/23 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?	No	
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	

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

Comments/Resolution

Samples did not have sampled by on COC or container.

Client Instruction

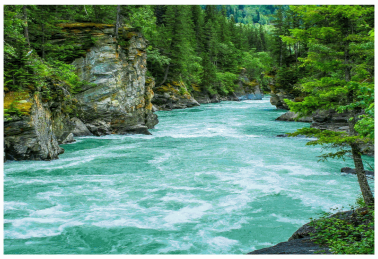
Signature of client authorizing changes to the COC or sample disposition.

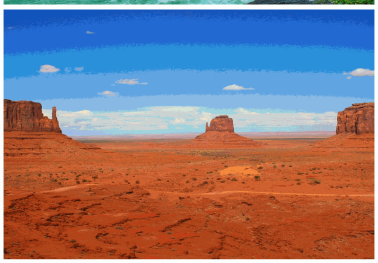
Date

envirotech Inc.

Report to:

Tom Bynum





5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Good Man 22 Battery
Work Order:	E402170
Job Number:	21068-0001
Received:	2/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/26/24

Date Reported: 2/26/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Good Man 22 Battery
Workorder: E402170
Date Received: 2/20/2024 5:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/20/2024 5:30:00AM, under the Project Name: Good Man 22 Battery.

The analytical test results summarized in this report with the Project Name: Good Man 22 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
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/26/24 15:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E402170-01A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
CS2	E402170-02A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
CS3	E402170-03A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
CS4	E402170-04A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
CSW1	E402170-05A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
CSW2	E402170-06A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
CSW3	E402170-07A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
CSW4	E402170-08A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
CSW5	E402170-09A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
CSW6	E402170-10A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
CSW7	E402170-11A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
CSW8	E402170-12A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CS1

E402170-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	**0.119**	0.0250	1	02/20/24	02/22/24	
Toluene	**0.0645**	0.0250	1	02/20/24	02/22/24	
o-Xylene	**0.0800**	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	**0.154**	0.0500	1	02/20/24	02/22/24	
Total Xylenes	**0.234**	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*89.1 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*89.1 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	**580**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	**700**	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*86.0 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**475**	20.0	1	02/21/24	02/21/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CS2

E402170-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	**0.131**	0.0250	1	02/20/24	02/22/24	
Toluene	**0.0510**	0.0250	1	02/20/24	02/22/24	
o-Xylene	**0.0935**	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	**0.170**	0.0500	1	02/20/24	02/22/24	
Total Xylenes	**0.264**	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*87.9 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*87.9 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	**240**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	**330**	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*86.9 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**363**	20.0	1	02/21/24	02/21/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CS3

E402170-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	**0.113**	0.0250	1	02/20/24	02/22/24	
Toluene	**0.0425**	0.0250	1	02/20/24	02/22/24	
o-Xylene	**0.0735**	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	**0.142**	0.0500	1	02/20/24	02/22/24	
Total Xylenes	**0.215**	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.2 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.2 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	**580**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	**460**	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*89.8 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**494**	20.0	1	02/21/24	02/22/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CS4

E402170-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	**0.0545**	0.0250	1	02/20/24	02/22/24	
Toluene	ND	0.0250	1	02/20/24	02/22/24	
o-Xylene	**0.0435**	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	**0.0705**	0.0500	1	02/20/24	02/22/24	
Total Xylenes	**0.114**	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.3 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.3 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	**370**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	**370**	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*88.3 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**389**	20.0	1	02/21/24	02/21/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CSW1

E402170-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/22/24	
Toluene	ND	0.0250	1	02/20/24	02/22/24	
o-Xylene	ND	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.7 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.7 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*88.3 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**28.2**	20.0	1	02/21/24	02/22/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CSW2

E402170-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/22/24	
Toluene	ND	0.0250	1	02/20/24	02/22/24	
o-Xylene	ND	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.2 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.2 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	**25.1**	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane		*93.9 %*	*50-200*	*02/21/24*	*02/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**30.5**	20.0	1	02/21/24	02/22/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CSW3

E402170-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/22/24	
Toluene	ND	0.0250	1	02/20/24	02/22/24	
o-Xylene	ND	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.7 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.7 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	**58.1**	25.0	1	02/21/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/23/24	
Surrogate: n-Nonane		*89.1 %*	*50-200*	*02/21/24*	*02/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**44.1**	20.0	1	02/21/24	02/22/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CSW4

E402170-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/22/24	
Toluene	ND	0.0250	1	02/20/24	02/22/24	
o-Xylene	ND	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.6 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*88.6 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	**29.0**	25.0	1	02/21/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/23/24	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*02/21/24*	*02/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**34.7**	20.0	1	02/21/24	02/22/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CSW5

E402170-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/22/24	
Toluene	ND	0.0250	1	02/20/24	02/22/24	
o-Xylene	ND	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*85.8 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*85.8 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	**16.0**	25.0	1	02/21/24	02/23/24	
Oil Range Organics (C28-C36)	**67.6**	50.0	1	02/21/24	02/23/24	
Surrogate: n-Nonane		*98.3 %*	*50-200*	*02/21/24*	*02/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**61.3**	20.0	1	02/21/24	02/22/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CSW6

E402170-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/22/24	
Toluene	ND	0.0250	1	02/20/24	02/22/24	
o-Xylene	ND	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*83.1 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*83.1 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	**63.7**	25.0	1	02/21/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/23/24	
Surrogate: n-Nonane		*93.0 %*	*50-200*	*02/21/24*	*02/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**52.3**	20.0	1	02/21/24	02/22/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CSW7

E402170-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/22/24	
Toluene	ND	0.0250	1	02/20/24	02/22/24	
o-Xylene	ND	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*90.1 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*90.1 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	**59.1**	25.0	1	02/21/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/23/24	
Surrogate: n-Nonane		*91.8 %*	*50-200*	*02/21/24*	*02/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**52.0**	20.0	1	02/21/24	02/22/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

CSW8

E402170-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Benzene	ND	0.0250	1	02/20/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/22/24	
Toluene	ND	0.0250	1	02/20/24	02/22/24	
o-Xylene	ND	0.0250	1	02/20/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*89.0 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2408035
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/22/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/20/24*	*02/22/24*	
Surrogate: Toluene-d8		*89.0 %*	*70-130*	*02/20/24*	*02/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408059
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/23/24	
Surrogate: n-Nonane		*90.9 %*	*50-200*	*02/21/24*	*02/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2408057
Chloride	**30.8**	20.0	1	02/21/24	02/22/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408035-BLK1)									Prepared: 02/20/24 Analyzed: 02/21/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.422*		*0.500*		*84.4*	*70-130*			
LCS (2408035-BS1)									Prepared: 02/20/24 Analyzed: 02/21/24
Benzene	2.84	0.0250	2.50		113	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.7	70-130			
Toluene	2.37	0.0250	2.50		94.6	70-130			
o-Xylene	2.29	0.0250	2.50		91.4	70-130			
p,m-Xylene	4.40	0.0500	5.00		88.0	70-130			
Total Xylenes	6.69	0.0250	7.50		89.2	70-130			
Surrogate: Bromofluorobenzene	*0.518*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.463*		*0.500*		*92.6*	*70-130*			
Matrix Spike (2408035-MS1)				**Source: E402170-10**					Prepared: 02/20/24 Analyzed: 02/22/24
Benzene	2.77	0.0250	2.50	ND	111	48-131			
Ethylbenzene	2.27	0.0250	2.50	ND	90.8	45-135			
Toluene	2.44	0.0250	2.50	ND	97.6	48-130			
o-Xylene	2.05	0.0250	2.50	ND	82.1	43-135			
p,m-Xylene	3.97	0.0500	5.00	ND	79.4	43-135			
Total Xylenes	6.02	0.0250	7.50	ND	80.3	43-135			
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.517*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.493*		*0.500*		*98.6*	*70-130*			
Matrix Spike Dup (2408035-MSD1)				**Source: E402170-10**					Prepared: 02/20/24 Analyzed: 02/22/24
Benzene	3.01	0.0250	2.50	ND	120	48-131	8.46	23	
Ethylbenzene	2.45	0.0250	2.50	ND	98.1	45-135	7.69	27	
Toluene	2.22	0.0250	2.50	ND	88.9	48-130	9.37	24	
o-Xylene	2.49	0.0250	2.50	ND	99.6	43-135	19.3	27	
p,m-Xylene	4.81	0.0500	5.00	ND	96.3	43-135	19.2	27	
Total Xylenes	7.31	0.0250	7.50	ND	97.4	43-135	19.2	27	
Surrogate: Bromofluorobenzene	*0.525*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.516*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.410*		*0.500*		*81.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408035-BLK1)									Prepared: 02/20/24 Analyzed: 02/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.422*		*0.500*		*84.4*	*70-130*			
LCS (2408035-BS2)									Prepared: 02/20/24 Analyzed: 02/22/24
Gasoline Range Organics (C6-C10)	40.7	20.0	50.0		81.5	70-130			
Surrogate: Bromofluorobenzene	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.425*		*0.500*		*84.9*	*70-130*			
Matrix Spike (2408035-MS2)				**Source: E402170-10**					Prepared: 02/20/24 Analyzed: 02/22/24
Gasoline Range Organics (C6-C10)	38.1	20.0	50.0	ND	76.2	70-130			
Surrogate: Bromofluorobenzene	*0.475*		*0.500*		*95.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.473*		*0.500*		*94.5*	*70-130*			
Matrix Spike Dup (2408035-MSD2)				**Source: E402170-10**					Prepared: 02/20/24 Analyzed: 02/22/24
Gasoline Range Organics (C6-C10)	42.2	20.0	50.0	ND	84.4	70-130	10.1	20	
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.453*		*0.500*		*90.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

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 (2408059-BLK1)									Prepared: 02/21/24 Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.6*		*50.0*		*85.1*	*50-200*			
LCS (2408059-BS1)									Prepared: 02/21/24 Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	213	25.0	250		85.2	38-132			
Surrogate: n-Nonane	*42.6*		*50.0*		*85.2*	*50-200*			
Matrix Spike (2408059-MS1)				**Source: E402170-06**					Prepared: 02/21/24 Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	238	25.0	250	25.1	85.1	38-132			
Surrogate: n-Nonane	*45.8*		*50.0*		*91.5*	*50-200*			
Matrix Spike Dup (2408059-MSD1)				**Source: E402170-06**					Prepared: 02/21/24 Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	235	25.0	250	25.1	83.9	38-132	1.26	20	
Surrogate: n-Nonane	*44.7*		*50.0*		*89.4*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Good Man 22 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/26/2024 3:55:35PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2408057-BLK1)									Prepared: 02/21/24 Analyzed: 02/21/24
Chloride	ND	20.0							
LCS (2408057-BS1)									Prepared: 02/21/24 Analyzed: 02/21/24
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2408057-MS1)				**Source: E402170-03**					Prepared: 02/21/24 Analyzed: 02/22/24
Chloride	792	20.0	250	494	120	80-120			
Matrix Spike Dup (2408057-MSD1)				**Source: E402170-03**					Prepared: 02/21/24 Analyzed: 02/22/24
Chloride	877	20.0	250	494	154	80-120	10.2	20	M2

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:	Good Man 22 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/26/24 15:55

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Project Information | Chain of Custody | Page 1 of 2

Client: Pima Environmental Services	Bill To
Project: Goodman 22 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 # 6-201
Report due by:	

Lab Use Only: Lab WO# E402170 | Job Number 21068-0001

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 NM	Remarks
3:00	2/16	S		CS1	1	X	
3:17				CS2	2		
3:25				CS3	3		
3:39				CS4	4		
3:46				CSW1	5		
3:58				CSW2	6		
4:17				CSW3	7		
4:21				CSW4	8		
4:38				CSW5	9		
4:56				CSW6	10		

Additional Instructions: Billing # AFE S24009

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	2/19/24	1:13	Michelle Cuyle	2-19-24	1313
Michelle Cuyle	2-19-24	1615	Andrew Mesa	2-19-24	1730
Andrew Mesa	2-19-24	2330	Kayla R Hall	2-20-24	0530

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

Project Information | Chain of Custody | Page 2 of 2

Client: Pima Environmental Services	Bill To
Project: Goodman 22 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 # 6-201
Report due by:	

Lab Use Only: Lab WO# E402170 | Job Number 21068-0001

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 NM	Remarks
5:11	2/16	S		CSW7	11	X	
5:19	↓	↓		CSW8	12	↓	

Additional Instructions: Billing # AFES24009

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	2/19/24	1:13	Michelle Gaylor	2-19-24	1313
Michelle Gaylor	2-19-24	1615	Andrew Mills	2.19.24	1730
Andrew Mills	2.19.24	2330	Leylah R Hello	2-20-24	0530

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: 2/20/2024 10:08:44AM

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:	02/20/24 05:30	Work Order ID:	E402170
Phone:	(575) 631-6977	Date Logged In:	02/19/24 17:32	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	02/26/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	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?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab 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

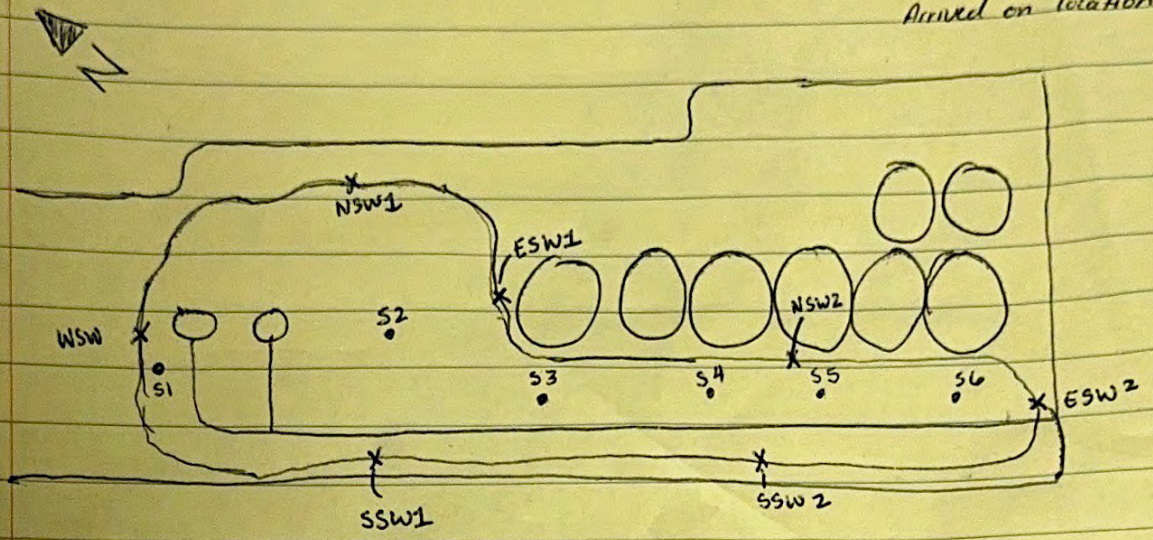
Signature of client authorizing changes to the COC or sample disposition. Date

envirotech Inc.

(1 of 2)

Goodman 22 Battery. - Spur Energy Nov. 10. 23

Arrived on location 7:39 am



Sample ID - Samples Packaged & On Ice.

S1 - Surface @	8:00 am	S6 - Surface @	9:41 am
S1 - 2'	8:12 am	S6 - 2'	9:49 am
S1 - 4'	8:16 am	S6 - 4'	9:53 am
S2 - Surface @	8:17 am	WSW @	9:59 am
S2 - 2'	8:22 am	NSW1 @	10:11 am
S2 - 4'	8:31 am	ESW1 @	10:19 am
S3 - Surface @	8:39 am	NSW2 @	10:25 am
S3 - 2'	8:41 am	ESW2 @	10:31 am
S3 - 4'	8:53 am	SSW1 @	10:39 am
S4 - Surface @	8:59 am	SSW2 @	10:41 am
S4 - 2'	9:10 am		
S4 - 4'			
S5 - Surface @	9:23 am		
S5 - 2'	9:30 am		
S5 - 4'	9:35 am		

(2 of 2)

~~Sample ID~~ - Samples Field Screened Only.

Sample ID	Titration	PID
WSW - 1'	2.1	62.5
WSW - 2'	0.0	32.5
NSW1 - 1'	5.6	46.5
NSW1 - 2'	0.0	12.5
ESW1 - 1'	3.1	54.5
ESW1 - 2'	0.0	12.5
NSW2 - 1'	6.2	32.5
NSW2 - 2'	0.0	0.0
ESW2 - 1'	12.5	15.5
ESW2 - 2'	3.2	0.0
SSW1 - 1'	15.2	~~45~~ 55
SSW1 - 2'	1.3	0.0
SSW2 - 1'	0.0	0.0
SSW2 - 2'	0.0	0.0

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

QUESTIONS

Action 322666

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 322666
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2331037699**
Incident Name	**NAPP2331037699 GOODMAN 22 BATTERY @ 0**
Incident Type	**Oil Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	GOODMAN 22 BATTERY
Date Release Discovered	11/04/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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	Cause: Other | Other (Specify) | Crude Oil | Released: 12 BBL | Recovered: 11 BBL | Lost: 1 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
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)	SEAL ON ACCESS COVER TO HEATER BLEW OUT RELEASING OIL INTO CONTAINMENT

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QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 322666
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**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: 03/12/2024

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QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 322666
	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	U.S. Geological Survey
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 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
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)	494
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1280
GRO+DRO (EPA SW-846 Method 8015M)	580
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
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	02/12/2024
On what date will (or did) the final sampling or liner inspection occur	02/16/2024
On what date will (or was) the remediation complete(d)	02/29/2024
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	3700
What is the estimated volume (in cubic yards) that will be remediated	45
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: 322666
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 03/12/2024
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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District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 322666
	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: 322666
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**314467**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**02/16/2024**
What was the (estimated) number of samples that were to be gathered	**12**
What was the sampling surface area in square feet	**670**

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	3655
What was the total volume (cubic yards) remediated	45
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)	N/A

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: 03/12/2024

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QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 322666
	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 322666

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	328947
	Action Number: 322666
	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 #NAPP2331037699 GOODMAN 22 BATTERY, thank you. This Remediation Closure Report is approved.	5/1/2024