



REVISED CLOSURE REQUEST

Spunky BUK State Com 1H
Incident Number nAPP2609728018
SLO Lease Number: VB-1766-0001
Eddy County, New Mexico
Unit D, Section 02, T26S, R26E
32.078485, -104.270667

September 16, 2026

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September 16, 2026

New Mexico Oil Conservation Division

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

**Re: Revised Closure Request
Spunky BUK State Com 1H
Incident Number nAPP2609728018
SLO Lease Number: VB-1766-0001
Eddy County, New Mexico**

To whom it may concern:

EOG Resources, Inc. (EOG) has prepared the following *Revised Closure Request* to a *Closure Request* submitted on July 22, 2026, related to the Spunky BUK State Com 1H (Site). This *Revised Closure Request* provides an update to the additional remediation activities completed at the Site in response to the denial by the New Mexico Oil Conservation Division (NMOCD) of the previously submitted *Closure Request*. In the denial, NMOCD expressed concern that not all areas that were found to be breached were included in the excavation area. Based on the additional remediation activities described below, EOG is requesting no further remedial action for Incident Number nAPP2609728018.

1.0 Site Description and Release Summary

The Site is located in Unit D, Section 02, Township 26 South, Range 26 East, in Eddy County, New Mexico (32.078485, -104.270667) and is associated with oil and gas exploration and production operations on State Trust Land managed by the New Mexico State Land Office (SLO).

On April 4, 2026, a production oil tank over ran due to the equalizing line being closed, resulting in the release of approximately 8 barrels (bbs) of crude oil into a lined containment. A vacuum truck was dispatched to the Site to recover free-standing fluids; approximately all 8 bbls of crude oil were recovered. The equalizing line was reopened to prevent further release, and the lined containment was power washed to remove any residual fluids. EOG reported the release to the NMOCD via a Notification of Release (NOR) on April 7, 2026, and subsequently on a Release Notification Form C-141 (C-141) on April 8, 2026. The release was assigned Incident Number nAPP2609728018.



2.0 Site Characterization and Closure Criteria

The Site was characterized for applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization are summarized below.

Depth to groundwater at the Site is estimated to be less than 50 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater less than 25 years old is United States Geological Survey (USGS) well 320320104145101, located approximately 2.2 miles southeast of the Site. The groundwater well had a reported depth to groundwater of 12.6 feet bgs in February 2018. All wells used for depth to groundwater determination are presented on Figure A included in Appendix A and the associated well records are included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 543 feet north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by unstable geology (high potential karst designation area). Potential Site receptors are identified in Figures A through D included in Appendix A.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

3.0 SLO Cultural Resources and Biological Review

Cultural Properties Protection

Since the release occurred on the well pad, no additional cultural resource surveys were completed in connection with this release.



Biological Review

EOG personnel conducted a desktop review to establish if the Site is within an area of possible threatened, endangered, and sensitive wildlife and plant species, environmentally sensitive areas, surface waters, and sensitive soils.

- A review of the United States Fish and Wildlife Services Information for Planning and Consultation (IPaC) resources indicated there are potential Texas Hornshell clam habitats near the Site. A review of the Bureau of Land Management (BLM) New Mexico Plant Wildlife Habitat maps indicated there are no potential habitats located near the Site. Review of New Mexico Department of Wildlife Critical Habitat Assessment Tool (CHAT), the Site has a score of 3 indicating minimal critical habitats potentially present.
- The Site is not located within an area of possible range of the Lesser Prairie Chicken habitat based on a review of the SLO Candidate Conservation Agreement (CCAA) map.
- Depth to groundwater at the Site is estimated to be less than 50 feet bgs and the Site is underlain by unstable geology (high potential karst designation area), as determined by the Site Characterization.
- The Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the soil type at the Site as predominantly Reeves-Gypsum land complex, 0 to 3 percent slopes. The Reeves-Gypsum land complex is not considered a sensitive soil per the SLO guidelines.

4.0 Background

As documented in the *Closure Request*, a 48-hour advance notice of the liner inspection was submitted to the NMOCD on April 8, 2026. Prior to conducting the liner integrity inspection, EOG operations power washed the liner to remove dirt and debris and recover any residual fluids. A liner integrity inspection was conducted by EOG personnel on April 14, 2026. Upon inspection, the liner was determined to be insufficient. Two containment breaches were identified during the inspection that required further investigation and are depicted on Figure 3.

On April 22 and 23, 2026, Vertex Resource Services Inc. (Vertex) personnel were at the Site to conduct delineation activities. Two boreholes, BS26-01 and BS26-02, were advanced via hand auger at the location of the tears in the liner floor. The boreholes were advanced to a depth of 2 feet bgs, where hand auger refusal was encountered due to subsurface conditions indicating the presence of a competent, low permeability bedrock layer. Four boreholes, BS26-03 through BS26-06, were advanced via hand auger within and around the lined containment to confirm the lateral extent of the release. The boreholes were advanced to a depth of 2 feet bgs. Discrete delineation soil samples were collected from the boreholes at depths ranging from the ground surface to 2 feet bgs. The release extent and sample locations were mapped and are depicted on Figure 3 and Figure 4. Photographic documentation is included in Appendix C. Based on laboratory analytical results, excavation activities were warranted.



Impacted soil was excavated within the lined containment and laboratory analytical results for all final confirmation soil samples indicated COC concentrations were below the Closure Criteria. The excavation extent measured approximately 600 square feet. A total of approximately 50 cubic yards of impacted soil were removed during excavation activities. The excavation was backfilled with material purchased locally and the area was recontoured to match pre-existing Site conditions. Additional details of previously completed remediation activities are included in the original *Closure Request*, attached as Appendix G.

Following the *Closure Request* submittal to the NMOCD, the Site was acquired by COG Operating LLC (COG). As such, the Incident Number nAPP2609728018 was transferred to COG.

On August 10, 2026, NMOCD denied the Closure Request for Incident Number nAPP2609728018 for the following reasons:

1) Delineation samples are marked as BH samples on Figure 4 however the same samples are named with a BS prefix on Table I. Sampling nomenclature should be consistent throughout so as to eliminate confusion. Update. 2) On pg. 4, you say: "One borehole, BS26-01, was advanced via hand auger at the location of the tear in the liner floor." As you can see in the second photo on pg. 30, this was located inside the metal lines that surround the tank, within a foot or so of the tank. This appears to be the breach shown in Photo 8. This area does not appear to be addressed in the remediation that occurred in the photographs shown on pg. 35. 3) Photo 6 of the liner inspection shows a hole closer to the containment side. How many breaches were found? The location of all breaches found during the liner inspection should be clearly marked on a scaled sitemap. Submit this within an updated remediation closure report. 4) Referring to Google Earth satellite imagery from 4/26/26, it appears oil leached out the north side of the tank battery. A delineation grab sample should be collected directly beside the containment on the north side and submitted to a laboratory to be tested for all Table I constituents. Because this containment was determined to lack integrity, a delineation grab sample must be collected on the west and south sides of the containment as well. 5) All areas that were found to be breached and were not included in the excavation area are required to have five-point composite samples collected for closure. OCD requires a five-foot by five-foot (5' x 5') square to be cut in the liner at the location of each breach and each identified weakened area, as well as any additional areas discovered during the investigation. A five-point composite soil sample must be collected from each exposed area and analyzed for TPH, BTEX, and chlorides using the analytical methods specified in Table I of 19.15.29 NMAC. All affected areas must be vertically and horizontally delineated pursuant to 19.15.29.11(A)(5)(b) NMAC and remediated in accordance with 19.15.29.12 NMAC. Submit a complete and accurate report to the OCD by 10/9/26.

The revised report corrects all sampling nomenclature so that delineation samples are uniformly designated with the "BS" prefix throughout all figures, tables, and text to eliminate confusion. The report text has also been updated to clarify that two liner breaches were identified during the inspection and documented in the photographic log – borehole BH26-01 was advanced at the

tear closer to the tank and BS26-02 was advanced at the tear closer to the containment sidewall – with an additional scaled figure depicting both breach locations included in the revised submittal. Regarding the Google Earth satellite imagery from April 26, 2026, EOG respectfully submits that the apparent discoloration on the north side of the tank battery is attributable to darker gravel material added to the northern bermed area, as evidenced by 2019 historical imagery and the below Site photo from liner inspection activities.



EOG believes the contrast observed in the more recent imagery does not represent hydrocarbon staining or a surface release; furthermore the incident addressed in this report is laterally delineated to the north by borehole BS26-06, to the south by BS26-04, to the west by BS26-05, and to the east by BS26-03 and EOG does not believe additional grab sampling on the north, west, or south sides of the containment is warranted based on the existing delineation data. EOG acknowledges that the area associated with borehole BS26-01 was inadvertently excluded from the original excavation scope. Although the Site was acquired by COG, EOG agreed to complete additional excavation of the liner breach in accordance with the above denial.

6.0 Additional Excavation Activities and Laboratory Analytical Results

Between August 19 and August 21, 2026, Vertex personnel returned to the Site to oversee additional excavation activities. Excavation activities were performed by the use of hand shovels and transport vehicles. To direct excavation activities, soil was field screened for VOCs and chloride. Once field screening results indicated impacted soil was adequately removed, 5-point composite soil samples were collected every 200 square feet from the floor and sidewalls of the excavation extent. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Bottom hole sample BS26-04 was collected from the floor of the excavation at a depth of 2.25 feet bgs. Confirmation sample WS26-03 was collected from the sidewalls of the excavation at depths ranging from the ground surface to 2.25 feet bgs. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following COCs: BTEX following EPA Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method



8015M/D; and chloride following Standard Method 4500. The excavation extent and confirmation soil sample locations are depicted on Figure 5. Photographic documentation of the excavation activities is provided in Appendix C.

The final excavation extent measured approximately 700 square feet. A total of approximately 60 cubic yards of impacted soil were removed during excavation activities. The impacted soil was transported and disposed of at the Owl Landfill in Jal, New Mexico. Two representative 5-point composite samples (BACKFILL-01 and BACKFILL-02) were collected from the caliche backfill pit on November 14, 2025. The backfill soil samples were handled, transported, and submitted as described above. Before the Site could be backfilled and the liner repaired, EOG transferred ownership of the Site to COG.

Laboratory analytical results for all final confirmation soil samples indicated all COCs were in compliance with the Closure Criteria. Laboratory analytical results for the backfill soil samples confirmed compliance with reclamation requirements. The laboratory analytical results are summarized in Table 1, and the complete laboratory analytical reports are included in Appendix D.

7.0 Conclusions

Delineation and excavation activities were conducted at the Site following the failed liner integrity inspection, resulting from the April 4, 2026, crude oil release within the containment. Laboratory analytical results for all confirmation soil samples collected from the excavation extent indicated all COCs were compliant with the Closure Criteria. Based on the soil sample analytical results, no further remediation was required. The excavation will be backfilled with material purchased locally, recontoured to match pre-existing Site conditions, and the lined containment will be repaired by COG. No further remedial activities will be completed by EOG, upon approval of this *Revised Closure Request*. The reclamation and revegetation of the Site will be completed by COG when the Site is abandoned.

Excavation of impacted soil has mitigated impacts at this Site. EOG believes these remedial actions are protective of human health, the environment, and groundwater. As such, EOG respectfully requests closure for Incident Number nAPP2609728018.



If you have any questions or comments, please contact the undersigned.

Sincerely,
EOG Resources, Inc.

Hadlie Stout

Hadlie Stout
(346) 324-7612
Hadlie_stout@eogresources.com
Environmental Representative II

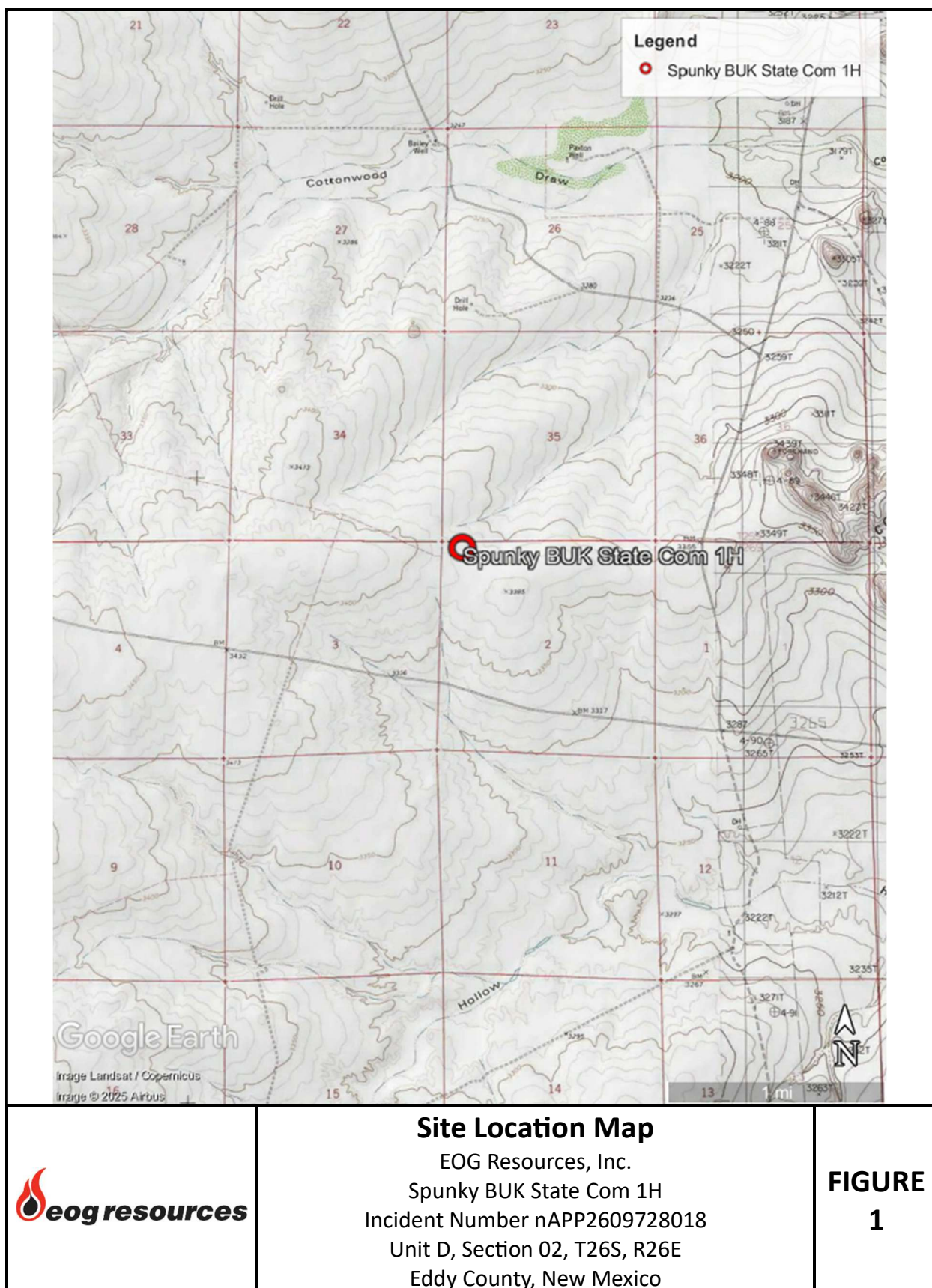
Tracy Hillard

Tracy Hillard
(432) 701-8278
Tracy_Hillard@eogresources.com
Environmental Representative

cc: SLO



FIGURES

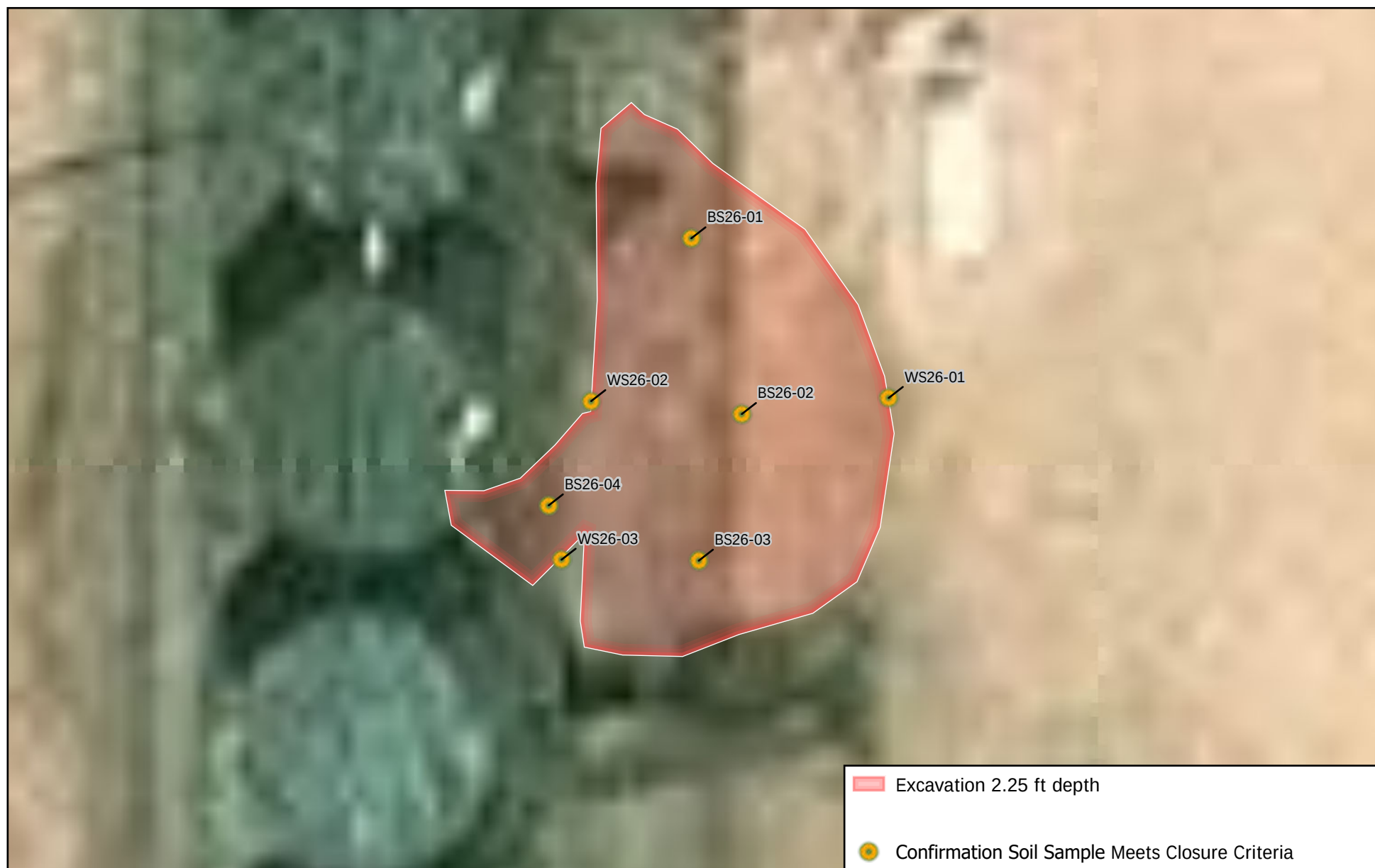






Document Path: S:\04_Geomatics\1-Projects\1_US PROJECTS\NEOG Resources Inc\2026\26A-02596-Spunky BUK State Com #001H.aprx





Map Center:
Lat/Long: 32.078501°N, 104.270621°W
0 5 10 f
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet



Date:
08/28/ 2026

Confirmation Sampling Site Schematic
Spunky BUK Federal Com #001H

FIGURE:

5



Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



TABLES

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Spunky BUK State Com 1H
EOG Resources, Inc.
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO + DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	NE	NE	NE	50	NE	NE	NE	NE	100	600
Delineation Soil Samples													
BS26-01	04/22/2026	2	<0.024	<0.049	<0.049	<0.049	<0.049	<4.9	74	100	74	174	92
BS26-02	04/22/2026	2	<0.023	<0.047	<0.047	<0.047	<0.047	<4.7	<9.5	<47	<9.5	<47	250
BS26-03	04/22/2026	0	<0.025	<0.049	<0.049	<0.049	<0.049	<4.9	20	<47	20	20	140
BS26-03	04/22/2026	2	<0.024	<0.049	<0.049	<0.049	<0.049	<4.9	<9.5	<48	<9.5	<48	480
BS26-04	04/23/2026	0	<0.024	<0.048	<0.048	<0.048	<0.048	<4.8	<9.0	<45	<9.0	<45	<51
BS26-04	04/23/2026	2	<0.024	<0.049	<0.049	<0.049	<0.049	<4.9	26	63	26	89	53
BS26-05	04/23/2026	0	<0.024	<0.048	<0.048	<0.048	<0.048	<4.8	<8.8	<44	<8.8	<44	160
BS26-05	04/23/2026	2	<0.024	<0.047	<0.047	<0.047	<0.047	<4.7	14	<44	14	14	110
BS26-06	04/23/2026	0	<0.025	<0.050	<0.050	<0.050	<0.050	<5.0	<9.6	<48	<9.6	<48	390
BS26-06	04/23/2026	2	<0.025	<0.049	<0.049	<0.049	<0.049	<4.9	<9.9	<50	<9.9	<50	52
Excavation Soil Samples													
BS26-01	07/08/2026	2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
BS26-02	07/08/2026	2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
BS26-03	07/08/2026	2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
BS26-04	08/21/2026	2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
WS26-01	07/08/2026	0 - 2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
WS26-02	07/08/2026	0 - 2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
WS26-03	08/21/2026	0 - 2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
Backfill Soil Samples													
BACKFILL-01	11/14/2025	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
BACKFILL-02	11/14/2025	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0

bgs - below ground surface

mg/kg - milligrams per kilogram

NE - not established

NMOCD - New Mexico Oil Conservation Division

NMAC - New Mexico Administrative Code

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

ORO - Oil Range Organics

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation requirement where applicable.

Grey text represents samples that have been excavated



APPENDIX A

Site Characterization and Groundwater

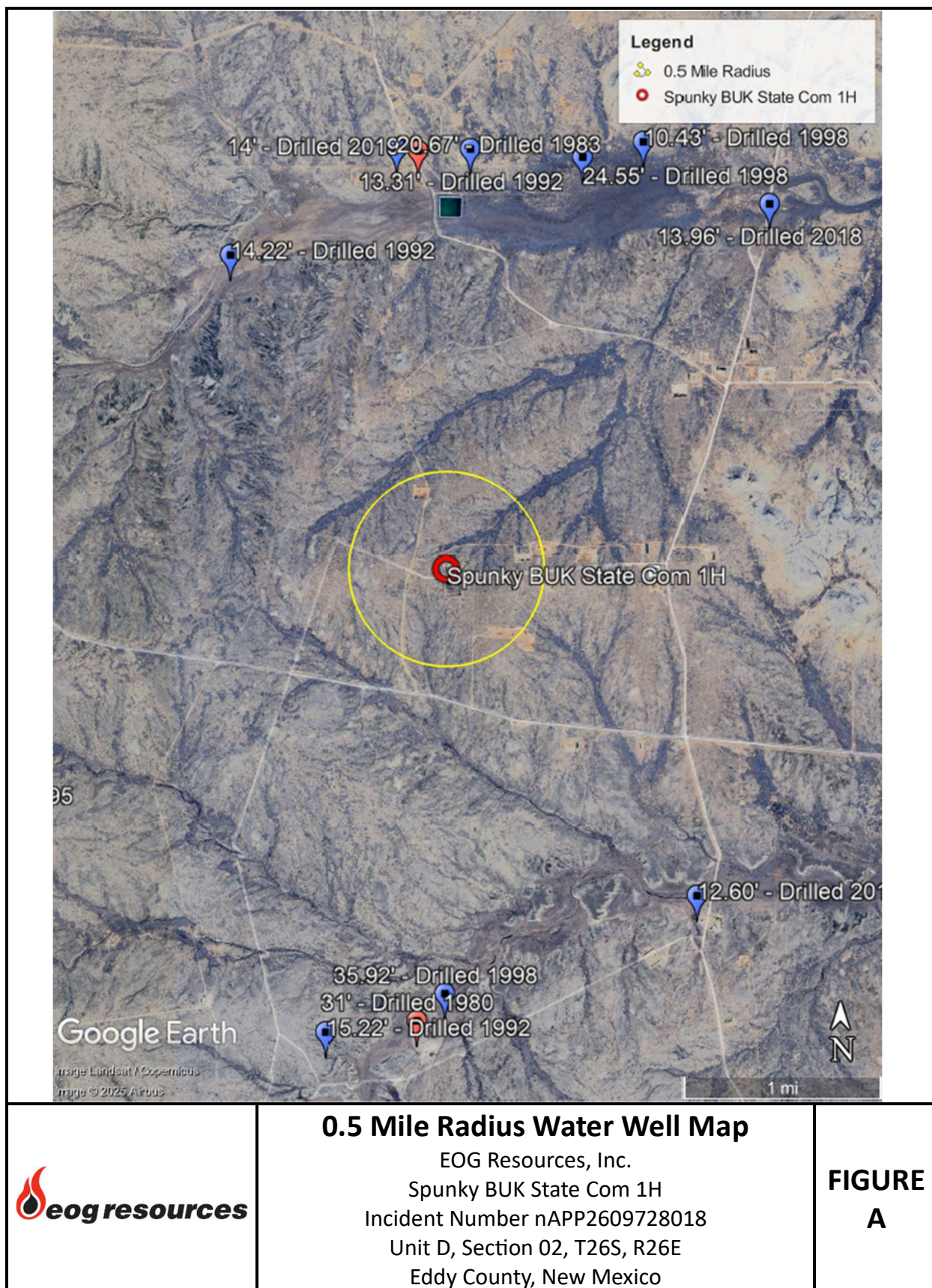
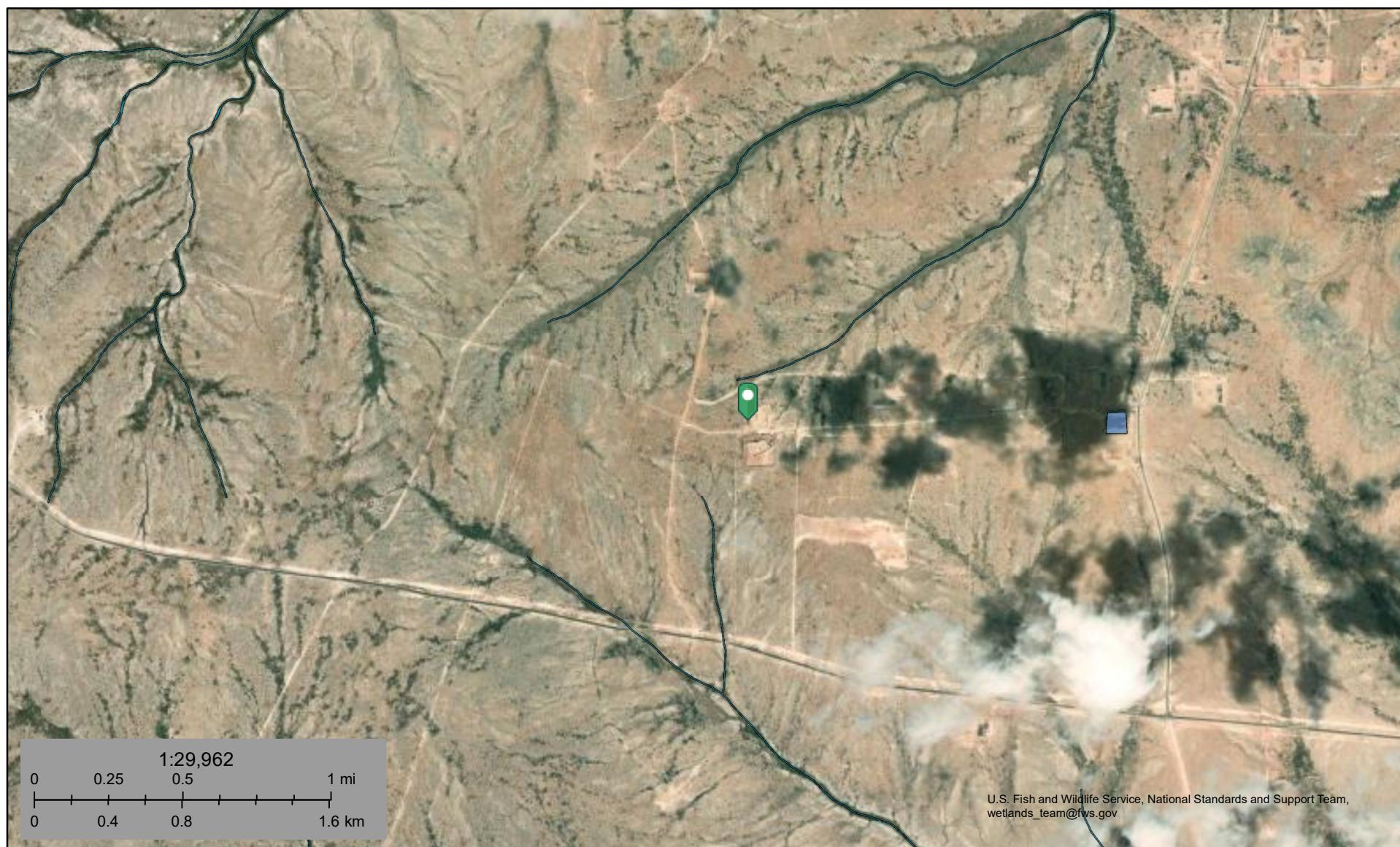




Figure B: National Wetlands Inventory Map



July 22, 2026

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

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

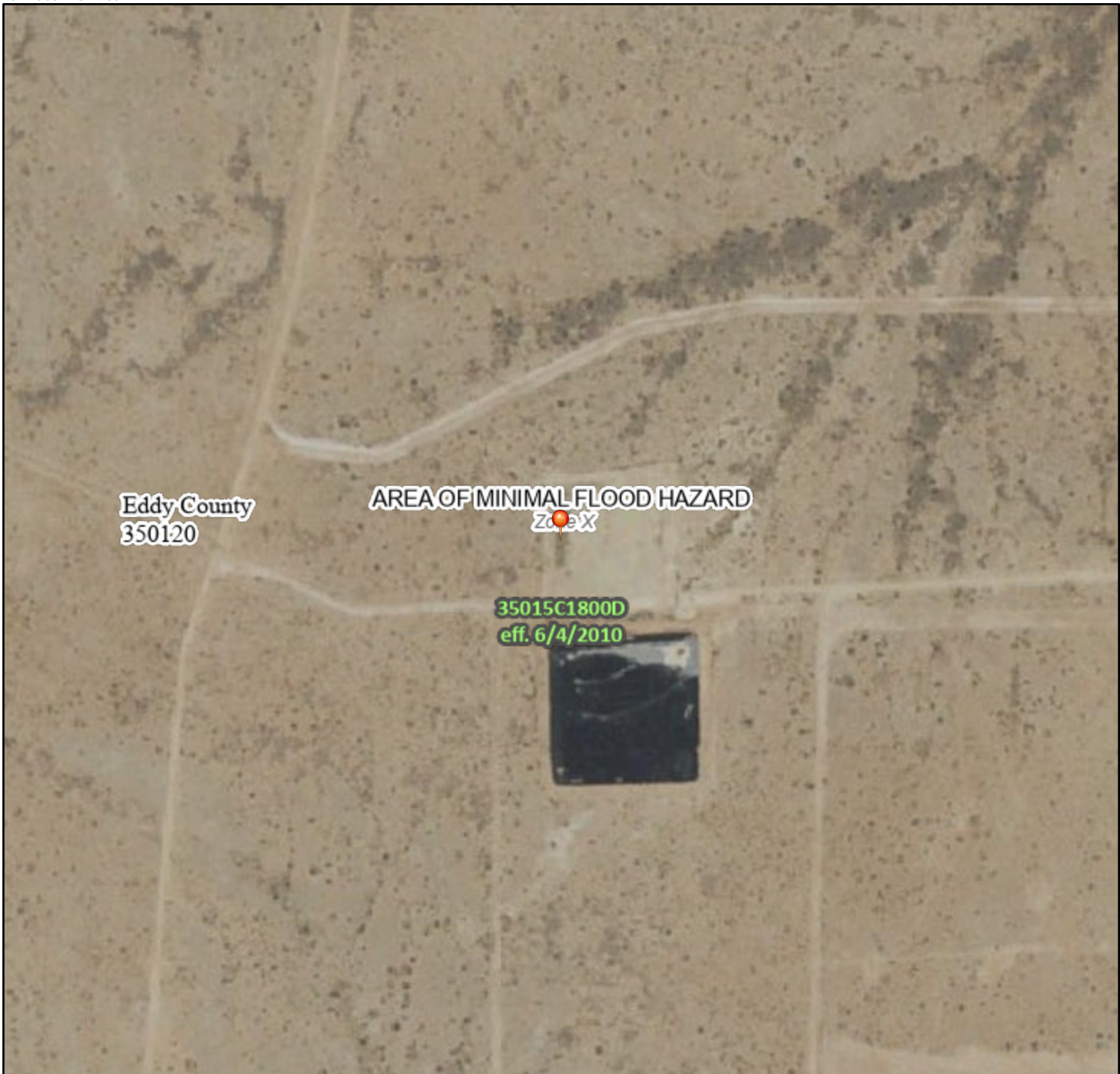
-  Lake
-  Other
-  Riverine

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.

Figure C: FEMA Flood Map



104°16'33"W 32°4'58"N



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

1:6,000

104°15'56"W 32°4'27"N

Released to Imaging: 9/17/2026 2:12:10 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

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

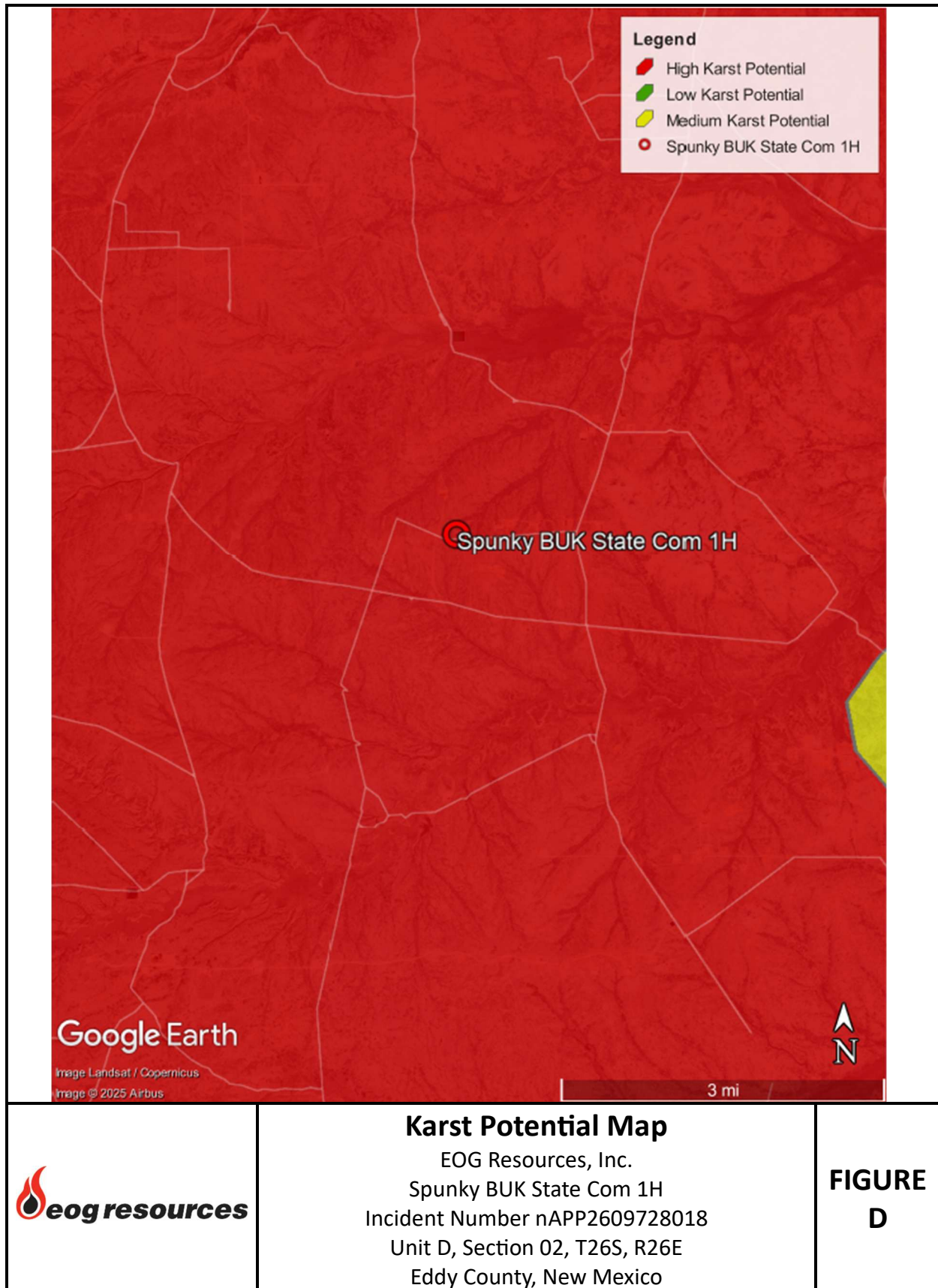


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/22/2026 at 5:44 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





APPENDIX B

Referenced Well Records

Monitoring location

26S.26E.12.34120 - USGS-320320104145101

Urgent for you to know:

- UPDATE: GOES-19 satellite operations have been fully restored, and real-time telemetry data are once again being processed and delivered through USGS data delivery portals. Over the next several weeks, data gaps from the outage period will be backfilled for affected monitoring locations that have field-recorded data available.

DID YOU KNOW You can see all water data collected at this monitoring location in the *Available data* section of the page. Learn more about [centralized water data delivery](#) in WDFN.

☐ 1 year ☐ 10 years ☒ Period of record

Scale Linear

[Log](#)

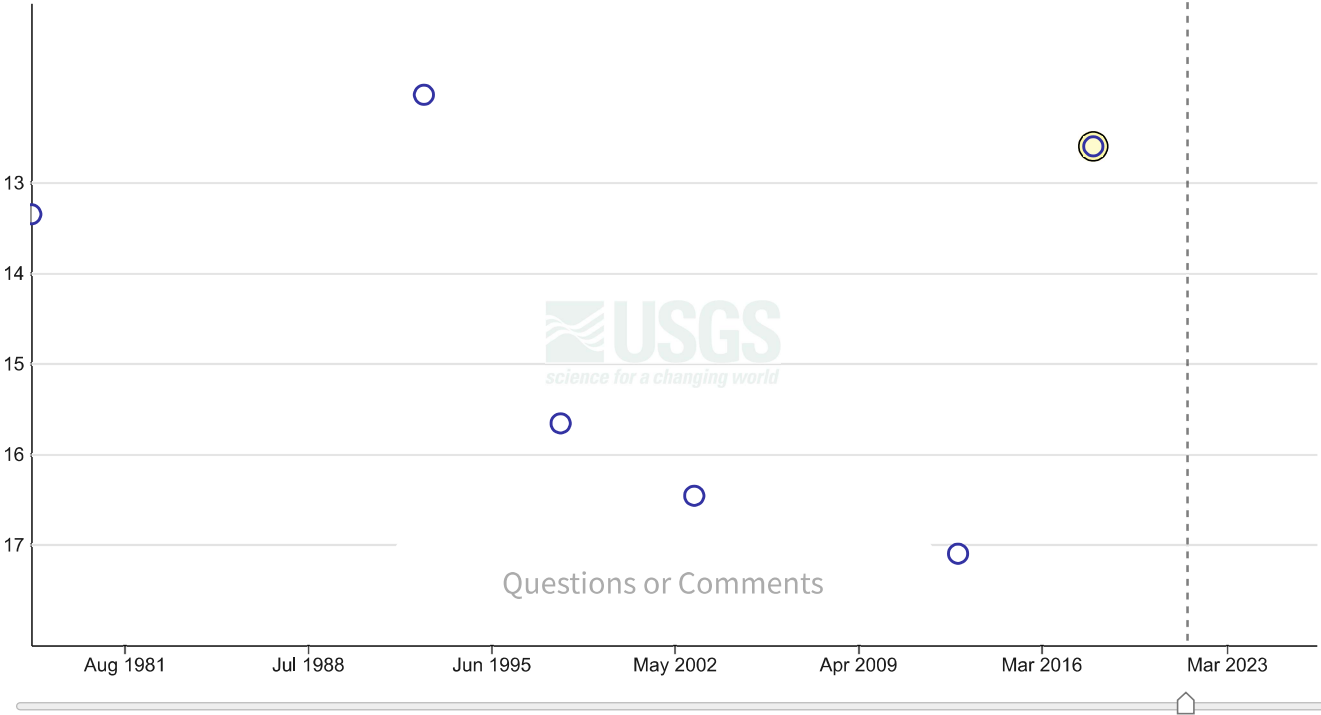
Field measurements

26S.26E.12.34120 - USGS-320320104145101

January 25, 1978 - July 20, 2026

Depth to water level, feet below land surface

12.60 ft - Feb 15, 2018 03:14:00 PM MST



IMPORTANT Data may be [provisional](#)

Show legend ▾

Hide graph details ▲

	Value	Status	
Selected field measurement	12.60	Approved Static	Feb 15, 2018 03:14:00 PM MST

Hide graph details ▲

Change time span

Download data

View tabular data

Start typing a time code to filter the Time column:

Depth to water level, feet below land surface -- field measurements

Time ▾	Result	Approval	Qualifiers
2018-02-15 03:14:00 PM MST	12.60	Approved	Static

Time	Result	Approval	Qualifiers
2013-01-09 03:10:00 PM MST	17.10	Approved	Static
2003-01-28 05:00:00 AM MST	16.46	Approved	Static
1998-01-13 05:00:00 AM MST	15.66	Approved	Static
1992-11-18 05:00:00 AM MST	12.03	Approved	Static
1978-01-25 05:00:00 AM MST	13.35	Approved	Static

Hide view tabular data ^

Available data

Select data types to graph from categories based on the way the data were collected.
Learn about the data collection categories

Expand all data collections

Continuous data

0 data types available

Daily data

0 data types available

Field measurements

3 data types available - data from 1978-01-25 to 2018-02-15

Hide these data types

Field measurements are physically measured values collected during a visit to the monitoring location.

[Learn about Field measurements](#)

	Data type	Data date range
Graphed	Depth to water level, feet below land surface	1978-01-25 2018-02-15
Graph it	Groundwater level above NAVD 1988, feet	1978-01-25 2018-02-15
Graph it	Groundwater level above NGVD 1929, feet	1978-01-25 2018-02-15

Hide these data types

Discrete sample data

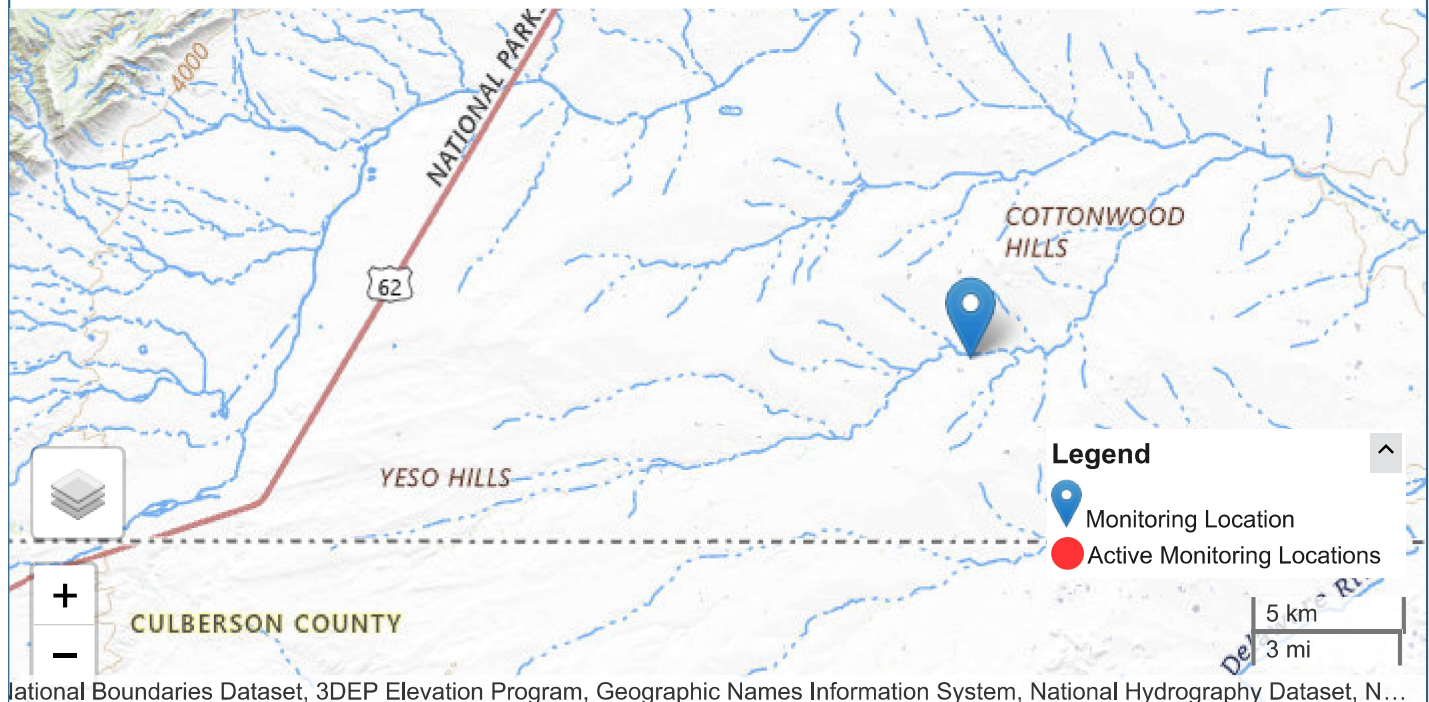
0 observed properties (data types) available

Statistical tables for select daily data types

0 data types available

Location details and information[Show location details](#)**Monitoring locations with continuous data in last 120 days**

2 locations found

[View these locations in My Favorites](#)[Use Explore USGS Water Data to discover additional data near this location](#)

Interested in understanding how to access the upstream/downstream data? [Learn about the Network-Linked Data Index \(NLDI\)](#).

[DOI Privacy Policy](#) | [Legal](#) | [Accessibility](#) | [Site Map](#) | [Contact USGS](#)[Follow](#)[U.S. Department of the Interior](#) | [DOI Inspector General](#) | [White House](#) | [No Fear Act](#) | [FOIA](#)



APPENDIX C

Photographic Log

Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018



Photograph: 1

Date: 4/14/2026

Description: Well location sign



Photograph: 2

Date: 4/14/2026

Description: Containment overview



Photograph: 3

Date: 4/14/2026

Description: Containment overview

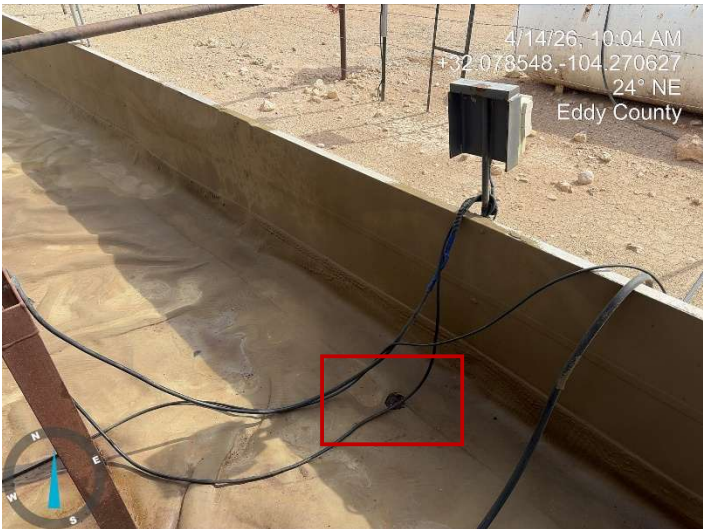


Photograph: 4

Date: 4/14/2026

Description: Liner inspection activities

Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018

	
Photograph: 5 Date: 4/14/2026 Description: Liner inspection activities	Photograph: 6 Date: 4/14/2026 Description: Location of hole identified in the floor of the lined containment (BS26-02)
	
Photograph: 7 Date: 4/14/2026 Description: Liner inspection activities	Photograph: 8 Date: 4/14/2026 Description: Location of tear identified in the floor of the lined containment (BS26-01)

Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018



Photograph: 9 Date: 4/14/2026

Description: Liner inspection activities



Photograph: 10 Date: 4/14/2026

Description: Liner inspection activities



Photograph: 11 Date: 4/14/2026

Description: Liner inspection activities



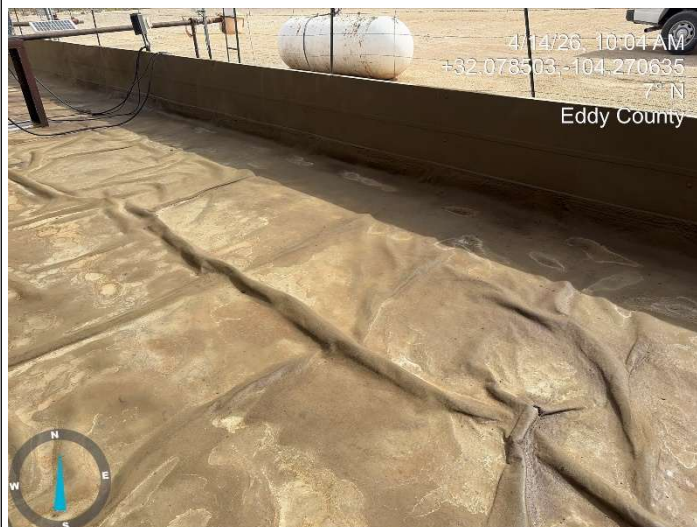
Photograph: 12 Date: 4/14/2026

Description: Liner inspection activities

Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018



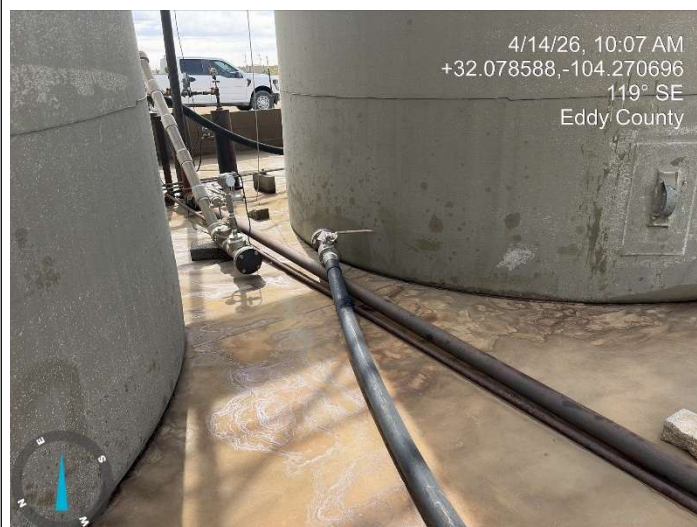
Photograph: 13 Date: 4/14/2026
Description: Liner inspection activities



Photograph: 14 Date: 4/14/2026
Description: Liner inspection activities



Photograph: 15 Date: 4/14/2026
Description: Liner inspection activities



Photograph: 16 Date: 4/14/2026
Description: Liner inspection activities



Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 4/22/2026
Time: 14:57
Notes: Placard
Latitude: 32.03754166666666
Longitude: -104.2118
Direction: NW



Date: 4/22/2026
Time: 14:59
Notes: BH26-01 collected at 0', 1', and 2' bgs.
Latitude: 32.06040555555555
Longitude: -104.23964722222222
Direction: S





Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 4/22/2026
Time: 15:00
Notes: BH26-02 collected at 0', 1', and 2' bgs.
Latitude: 32.07860833333335
Longitude: -104.27069722222222
Direction: NE



Date: 4/22/2026
Time: 15:02
Notes: BH26-03 collected at 0' and 2' bgs
Latitude: 32.07895555555556
Longitude: -104.27044722222222
Direction: SW





Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 4/22/2026
Time: 15:49
Notes: BH26-01 liner tear was patched
Latitude: 32.04011666666666
Longitude: -104.23916666666666
Direction: NE



Date: 4/22/2026
Time: 15:49
Notes: BH26-02 liner tear was patched
Latitude: 32.05080833333333
Longitude: -104.230225
Direction: NE



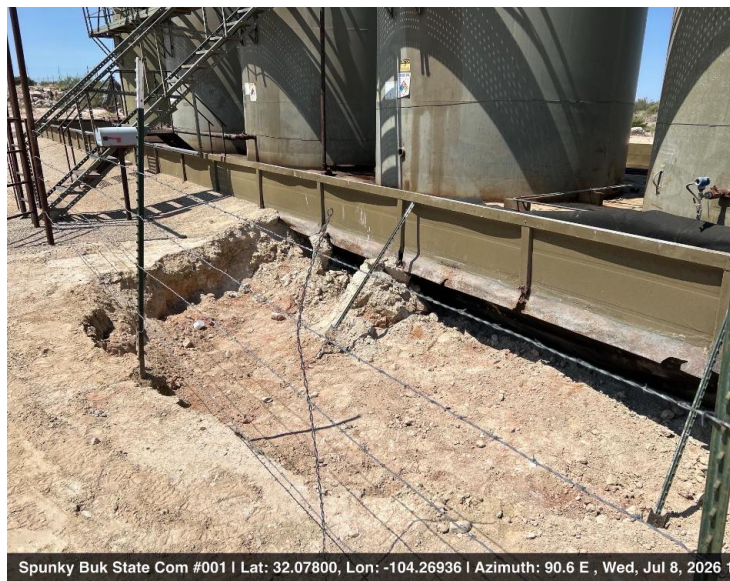


Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 7/8/2026
Time: 11:05
Notes: East of containment facing southwest.
Latitude: 32.07800277777778
Longitude: -104.26936388888889
Direction: E



Date: 7/8/2026
Time: 11:07
Notes: East of containment facing northwest.
Latitude: 32.07792777777778
Longitude: -104.26920277777778
Direction: NE





Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 7/8/2026
Time: 11:07
Notes: East of containment facing north.
Latitude: 32.07792777777778
Longitude: -104.26920277777778
Direction: NE



Date: 7/8/2026
Time: 11:07
Notes: East of containment facing south.
Latitude: 32.07785555555556
Longitude: -104.26904444444445
Direction: NE





Daily Field Log

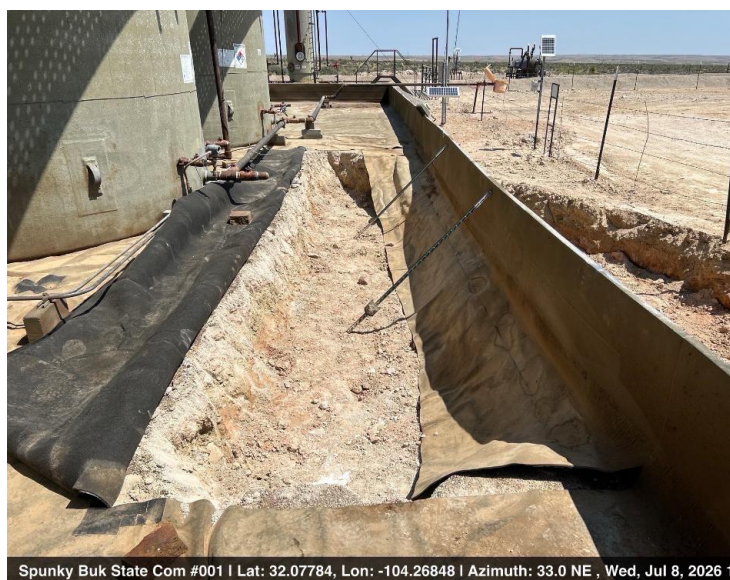
Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 7/8/2026
Time: 11:07
Notes: East of tanks facing south.
Latitude: 32.07782777777784
Longitude: -104.26873888888889
Direction: NE



Date: 7/8/2026
Time: 11:07
Notes: East of tanks facing north.
Latitude: 32.07783611111111
Longitude: -104.26847777777778
Direction: NE





Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 7/8/2026
Time: 11:08
Notes: On steps east of tanks facing north over excavation to 2.25 feet bgs.
Latitude: 32.07846388888889
Longitude: -104.27061388888889
Direction: S



Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018



Photograph: 1 **Date: 7/10/2026**

Description: Backfilled excavation prior to liner repair



Photograph: 2 **Date: 7/10/2026**

Description: Backfilled excavation prior to liner repair



Photograph: 3 **Date: 7/10/2026**

Description: Backfilled excavation



Photograph: 4 **Date: 7/11/2026**

Description: Repaired liner

Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018



Photograph: 5 Date: 7/11/2026

Description: Repaired liner



Photograph: 6 Date: 7/11/2026

Description: Repaired containment



Photograph: 7 Date: 7/11/2026

Description: Repaired containment



Photograph: 8 Date: 7/11/2026

Description: Repaired containment



Daily Field Log
Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 8/21/2026
Time: 15:34
Notes: Placard
Latitude: 32.078107581598694
Longitude: -104.26979349688746
Direction: N



Spunky Buk State Com #001 | Lat: 32.07811, Lon: -104.26979 | Azimuth: 330.9° NW, Fri, Aug 21, 2026 15

Date: 8/21/2026
Time: 15:36
Notes: South end of 2.25' excavation facing north. Area where BS26-04 and WS26-03 were collected
Latitude: 32.07846674748963
Longitude: -104.27059728232103
Direction: N



Spunky Buk State Com #001 | Lat: 32.07847, Lon: -104.27060 | Azimuth: 336.8° NW, Fri, Aug 21, 2026 15



Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 8/21/2026
Time: 15:36
Notes: East side of 2.25' excavation facing west. Area where BS26-04 and WS26-03 were collected
Latitude: 32.07846674748963
Longitude: -104.27059728232103
Direction: W



Date: 8/21/2026
Time: 15:37
Notes: North end of 2.25' excavation facing south. Area where BS26-04 and WS26-03 were collected
Latitude: 32.07846674748963
Longitude: -104.27059728232103
Direction: S





Daily Field Log
Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 8/21/2026
Time: 15:44
Notes: Removed material placed on liner
Latitude: 32.07852222222226
Longitude: -104.27056944444445
Direction: N





APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation



Environment Testing

- 1
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- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 4/30/2026 1:52:46 PM

JOB DESCRIPTION

Spunky BUK State Com @001H

JOB NUMBER

885-48136-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Generated
4/30/2026 1:52:46 PM

Client: Vertex
Project/Site: Spunky BUK State Com @001H

Laboratory Job ID: 885-48136-1

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Definitions/Glossary

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Vertex
Project: Spunky BUK State Com @001H

Job ID: 885-48136-1

Job ID: 885-48136-1

Eurofins Albuquerque

Job Narrative 885-48136-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/25/2026 8:21 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C.

Gasoline Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-01 2.0'

Lab Sample ID: 885-48136-1

Date Collected: 04/22/26 12:25

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/27/26 12:44	04/28/26 14:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			04/27/26 12:44	04/28/26 14:43	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 14:43	1
Ethylbenzene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 14:43	1
Toluene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 14:43	1
Xylenes, Total	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 14:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130			04/27/26 12:44	04/28/26 14:43	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	74		9.7	mg/Kg		04/29/26 06:56	04/29/26 18:40	1
Motor Oil Range Organics [C28-C40]	100		49	mg/Kg		04/29/26 06:56	04/29/26 18:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	79		62 - 134			04/29/26 06:56	04/29/26 18:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92		50	mg/Kg		04/29/26 10:51	04/29/26 21:41	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-02 2.0'

Lab Sample ID: 885-48136-2

Date Collected: 04/22/26 12:05

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/27/26 12:44	04/28/26 15:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			04/27/26 12:44	04/28/26 15:05	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/27/26 12:44	04/28/26 15:05	1
Ethylbenzene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:05	1
Toluene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:05	1
Xylenes, Total	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			04/27/26 12:44	04/28/26 15:05	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	20		9.5	mg/Kg		04/29/26 06:56	04/29/26 18:51	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		04/29/26 06:56	04/29/26 18:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			04/29/26 06:56	04/29/26 18:51	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		49	mg/Kg		04/29/26 10:51	04/29/26 21:52	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-03 0.0'

Lab Sample ID: 885-48136-3

Date Collected: 04/22/26 13:30

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/27/26 12:44	04/28/26 15:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			04/27/26 12:44	04/28/26 15:27	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 15:27	1
Ethylbenzene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:27	1
Toluene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:27	1
Xylenes, Total	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130			04/27/26 12:44	04/28/26 15:27	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		04/29/26 06:56	04/29/26 19:03	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		04/29/26 06:56	04/29/26 19:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			04/29/26 06:56	04/29/26 19:03	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	480		50	mg/Kg		04/29/26 10:51	04/29/26 22:24	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-03 2.0'

Lab Sample ID: 885-48136-4

Date Collected: 04/22/26 13:40

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		04/27/26 12:44	04/28/26 15:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			04/27/26 12:44	04/28/26 15:48	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 15:48	1
Ethylbenzene	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 15:48	1
Toluene	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 15:48	1
Xylenes, Total	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 15:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130			04/27/26 12:44	04/28/26 15:48	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0	mg/Kg		04/29/26 06:56	04/29/26 19:15	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		04/29/26 06:56	04/29/26 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			04/29/26 06:56	04/29/26 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		04/29/26 10:51	04/29/26 22:35	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-04 0.0'

Lab Sample ID: 885-48136-5

Date Collected: 04/23/26 09:20

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/27/26 12:44	04/28/26 16:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			04/27/26 12:44	04/28/26 16:10	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 16:10	1
Ethylbenzene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 16:10	1
Toluene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 16:10	1
Xylenes, Total	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 16:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			04/27/26 12:44	04/28/26 16:10	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	26		9.4	mg/Kg		04/29/26 06:56	04/29/26 19:38	1
Motor Oil Range Organics [C28-C40]	63		47	mg/Kg		04/29/26 06:56	04/29/26 19:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			04/29/26 06:56	04/29/26 19:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53		51	mg/Kg		04/29/26 09:51	04/29/26 17:31	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-04 2.0'

Lab Sample ID: 885-48136-6

Date Collected: 04/23/26 09:40

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		04/27/26 12:44	04/28/26 16:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			04/27/26 12:44	04/28/26 16:32	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 16:32	1
Ethylbenzene	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 16:32	1
Toluene	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 16:32	1
Xylenes, Total	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 16:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			04/27/26 12:44	04/28/26 16:32	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8	mg/Kg		04/29/26 06:56	04/29/26 19:50	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		04/29/26 06:56	04/29/26 19:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			04/29/26 06:56	04/29/26 19:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		49	mg/Kg		04/29/26 09:51	04/29/26 14:16	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-05 0.0'

Lab Sample ID: 885-48136-7

Date Collected: 04/23/26 09:50

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		04/27/26 12:44	04/28/26 16:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130			04/27/26 12:44	04/28/26 16:54	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 16:54	1
Ethylbenzene	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 16:54	1
Toluene	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 16:54	1
Xylenes, Total	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 16:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			04/27/26 12:44	04/28/26 16:54	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	14		8.7	mg/Kg		04/29/26 06:56	04/29/26 20:02	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		04/29/26 06:56	04/29/26 20:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			04/29/26 06:56	04/29/26 20:02	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		51	mg/Kg		04/29/26 09:51	04/29/26 14:27	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-05 2.0'

Lab Sample ID: 885-48136-8

Date Collected: 04/23/26 10:00

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		04/27/26 12:44	04/28/26 17:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			04/27/26 12:44	04/28/26 17:37	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/27/26 12:44	04/28/26 17:37	1
Ethylbenzene	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 17:37	1
Toluene	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 17:37	1
Xylenes, Total	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 17:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			04/27/26 12:44	04/28/26 17:37	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		04/29/26 06:56	04/29/26 20:13	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		04/29/26 06:56	04/29/26 20:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			04/29/26 06:56	04/29/26 20:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		51	mg/Kg		04/29/26 09:51	04/29/26 14:38	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-06 0.0'

Lab Sample ID: 885-48136-9

Date Collected: 04/23/26 10:10

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/27/26 12:44	04/28/26 17:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			04/27/26 12:44	04/28/26 17:59	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/27/26 12:44	04/28/26 17:59	1
Ethylbenzene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 17:59	1
Toluene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 17:59	1
Xylenes, Total	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 17:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			04/27/26 12:44	04/28/26 17:59	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		04/29/26 06:56	04/29/26 20:25	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		04/29/26 06:56	04/29/26 20:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			04/29/26 06:56	04/29/26 20:25	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52		50	mg/Kg		04/29/26 09:51	04/29/26 14:48	10

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Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-06 2.0'

Lab Sample ID: 885-48136-10

Date Collected: 04/23/26 10:20

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		04/27/26 12:44	04/28/26 18:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			04/27/26 12:44	04/28/26 18:21	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		04/27/26 12:44	04/28/26 18:21	1
Ethylbenzene	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 18:21	1
Toluene	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 18:21	1
Xylenes, Total	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 18:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			04/27/26 12:44	04/28/26 18:21	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		04/29/26 06:56	04/29/26 20:36	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		04/29/26 06:56	04/29/26 20:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			04/29/26 06:56	04/29/26 20:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		50	mg/Kg		04/29/26 09:51	04/29/26 14:59	10

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-47532/1-A

Matrix: Solid

Analysis Batch: 47624

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47532

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		04/27/26 12:44	04/28/26 11:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			04/27/26 12:44	04/28/26 11:49	1

Lab Sample ID: LCS 885-47532/2-A

Matrix: Solid

Analysis Batch: 47624

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47532

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	26.3		mg/Kg		105	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	222		70 - 130				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-47532/1-A

Matrix: Solid

Analysis Batch: 47625

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47532

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/27/26 12:44	04/28/26 11:49	1
Ethylbenzene	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 11:49	1
Toluene	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 11:49	1
Xylenes, Total	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 11:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			04/27/26 12:44	04/28/26 11:49	1

Lab Sample ID: LCS 885-47532/3-A

Matrix: Solid

Analysis Batch: 47625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47532

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.964		mg/Kg		96	70 - 130
Ethylbenzene	1.00	0.973		mg/Kg		97	70 - 130
Toluene	1.00	0.960		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	96		70 - 130				

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QC Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-47665/1-A

Matrix: Solid

Analysis Batch: 47687

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47665

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		04/29/26 06:56	04/29/26 17:06	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		04/29/26 06:56	04/29/26 17:06	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	79		62 - 134			04/29/26 06:56	04/29/26 17:06	1

Lab Sample ID: LCS 885-47665/2-A

Matrix: Solid

Analysis Batch: 47687

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47665

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	57.8		mg/Kg		116	58 - 144
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	83		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-47690/1-A

Matrix: Solid

Analysis Batch: 47701

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47690

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.1	mg/Kg		04/29/26 09:51	04/29/26 11:33	1

Lab Sample ID: LCS 885-47690/2-A

Matrix: Solid

Analysis Batch: 47701

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47690

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.5	49.4		mg/Kg		100	90 - 110

Lab Sample ID: 885-48136-5 MS

Matrix: Solid

Analysis Batch: 47701

Client Sample ID: BS26-04 0.0'

Prep Type: Total/NA

Prep Batch: 47690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	53		50.5	100		mg/Kg		94	50 - 150

Lab Sample ID: 885-48136-5 MSD

Matrix: Solid

Analysis Batch: 47701

Client Sample ID: BS26-04 0.0'

Prep Type: Total/NA

Prep Batch: 47690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	53		50.2	98.5		mg/Kg		91	50 - 150	2	20

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QC Sample Results

Client: Vertex
Project/Site: Spunky BUK State Com @001H

Job ID: 885-48136-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-47700/1-A					Client Sample ID: Method Blank				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 47701					Prep Batch: 47700				
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		5.1	mg/Kg		04/29/26 10:51	04/29/26 12:16	1	

Lab Sample ID: LCS 885-47700/2-A					Client Sample ID: Lab Control Sample				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 47701					Prep Batch: 47700				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	49.3	48.7		mg/Kg		99	90 - 110		

QC Association Summary

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

GC VOA

Prep Batch: 47532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	5030C	
885-48136-2	BS26-02 2.0'	Total/NA	Solid	5030C	
885-48136-3	BS26-03 0.0'	Total/NA	Solid	5030C	
885-48136-4	BS26-03 2.0'	Total/NA	Solid	5030C	
885-48136-5	BS26-04 0.0'	Total/NA	Solid	5030C	
885-48136-6	BS26-04 2.0'	Total/NA	Solid	5030C	
885-48136-7	BS26-05 0.0'	Total/NA	Solid	5030C	
885-48136-8	BS26-05 2.0'	Total/NA	Solid	5030C	
885-48136-9	BS26-06 0.0'	Total/NA	Solid	5030C	
885-48136-10	BS26-06 2.0'	Total/NA	Solid	5030C	
MB 885-47532/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-47532/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-47532/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 47624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	8015M/D	47532
885-48136-2	BS26-02 2.0'	Total/NA	Solid	8015M/D	47532
885-48136-3	BS26-03 0.0'	Total/NA	Solid	8015M/D	47532
885-48136-4	BS26-03 2.0'	Total/NA	Solid	8015M/D	47532
885-48136-5	BS26-04 0.0'	Total/NA	Solid	8015M/D	47532
885-48136-6	BS26-04 2.0'	Total/NA	Solid	8015M/D	47532
885-48136-7	BS26-05 0.0'	Total/NA	Solid	8015M/D	47532
885-48136-8	BS26-05 2.0'	Total/NA	Solid	8015M/D	47532
885-48136-9	BS26-06 0.0'	Total/NA	Solid	8015M/D	47532
885-48136-10	BS26-06 2.0'	Total/NA	Solid	8015M/D	47532
MB 885-47532/1-A	Method Blank	Total/NA	Solid	8015M/D	47532
LCS 885-47532/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	47532

Analysis Batch: 47625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	8021B	47532
885-48136-2	BS26-02 2.0'	Total/NA	Solid	8021B	47532
885-48136-3	BS26-03 0.0'	Total/NA	Solid	8021B	47532
885-48136-4	BS26-03 2.0'	Total/NA	Solid	8021B	47532
885-48136-5	BS26-04 0.0'	Total/NA	Solid	8021B	47532
885-48136-6	BS26-04 2.0'	Total/NA	Solid	8021B	47532
885-48136-7	BS26-05 0.0'	Total/NA	Solid	8021B	47532
885-48136-8	BS26-05 2.0'	Total/NA	Solid	8021B	47532
885-48136-9	BS26-06 0.0'	Total/NA	Solid	8021B	47532
885-48136-10	BS26-06 2.0'	Total/NA	Solid	8021B	47532
MB 885-47532/1-A	Method Blank	Total/NA	Solid	8021B	47532
LCS 885-47532/3-A	Lab Control Sample	Total/NA	Solid	8021B	47532

GC Semi VOA

Prep Batch: 47665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	SHAKE	
885-48136-2	BS26-02 2.0'	Total/NA	Solid	SHAKE	
885-48136-3	BS26-03 0.0'	Total/NA	Solid	SHAKE	

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QC Association Summary

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

GC Semi VOA (Continued)

Prep Batch: 47665 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-4	BS26-03 2.0'	Total/NA	Solid	SHAKE	
885-48136-5	BS26-04 0.0'	Total/NA	Solid	SHAKE	
885-48136-6	BS26-04 2.0'	Total/NA	Solid	SHAKE	
885-48136-7	BS26-05 0.0'	Total/NA	Solid	SHAKE	
885-48136-8	BS26-05 2.0'	Total/NA	Solid	SHAKE	
885-48136-9	BS26-06 0.0'	Total/NA	Solid	SHAKE	
885-48136-10	BS26-06 2.0'	Total/NA	Solid	SHAKE	
MB 885-47665/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-47665/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 47687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	8015M/D	47665
885-48136-2	BS26-02 2.0'	Total/NA	Solid	8015M/D	47665
885-48136-3	BS26-03 0.0'	Total/NA	Solid	8015M/D	47665
885-48136-4	BS26-03 2.0'	Total/NA	Solid	8015M/D	47665
885-48136-5	BS26-04 0.0'	Total/NA	Solid	8015M/D	47665
885-48136-6	BS26-04 2.0'	Total/NA	Solid	8015M/D	47665
885-48136-7	BS26-05 0.0'	Total/NA	Solid	8015M/D	47665
885-48136-8	BS26-05 2.0'	Total/NA	Solid	8015M/D	47665
885-48136-9	BS26-06 0.0'	Total/NA	Solid	8015M/D	47665
885-48136-10	BS26-06 2.0'	Total/NA	Solid	8015M/D	47665
MB 885-47665/1-A	Method Blank	Total/NA	Solid	8015M/D	47665
LCS 885-47665/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	47665

HPLC/IC

Prep Batch: 47690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-5	BS26-04 0.0'	Total/NA	Solid	300_Prep	
885-48136-6	BS26-04 2.0'	Total/NA	Solid	300_Prep	
885-48136-7	BS26-05 0.0'	Total/NA	Solid	300_Prep	
885-48136-8	BS26-05 2.0'	Total/NA	Solid	300_Prep	
885-48136-9	BS26-06 0.0'	Total/NA	Solid	300_Prep	
885-48136-10	BS26-06 2.0'	Total/NA	Solid	300_Prep	
MB 885-47690/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-47690/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-48136-5 MS	BS26-04 0.0'	Total/NA	Solid	300_Prep	
885-48136-5 MSD	BS26-04 0.0'	Total/NA	Solid	300_Prep	

Prep Batch: 47700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	300_Prep	
885-48136-2	BS26-02 2.0'	Total/NA	Solid	300_Prep	
885-48136-3	BS26-03 0.0'	Total/NA	Solid	300_Prep	
885-48136-4	BS26-03 2.0'	Total/NA	Solid	300_Prep	
MB 885-47700/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-47700/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

HPLC/IC

Analysis Batch: 47701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	300.0	47700
885-48136-2	BS26-02 2.0'	Total/NA	Solid	300.0	47700
885-48136-3	BS26-03 0.0'	Total/NA	Solid	300.0	47700
885-48136-4	BS26-03 2.0'	Total/NA	Solid	300.0	47700
885-48136-5	BS26-04 0.0'	Total/NA	Solid	300.0	47690
885-48136-6	BS26-04 2.0'	Total/NA	Solid	300.0	47690
885-48136-7	BS26-05 0.0'	Total/NA	Solid	300.0	47690
885-48136-8	BS26-05 2.0'	Total/NA	Solid	300.0	47690
885-48136-9	BS26-06 0.0'	Total/NA	Solid	300.0	47690
885-48136-10	BS26-06 2.0'	Total/NA	Solid	300.0	47690
MB 885-47690/1-A	Method Blank	Total/NA	Solid	300.0	47690
MB 885-47700/1-A	Method Blank	Total/NA	Solid	300.0	47700
LCS 885-47690/2-A	Lab Control Sample	Total/NA	Solid	300.0	47690
LCS 885-47700/2-A	Lab Control Sample	Total/NA	Solid	300.0	47700
885-48136-5 MS	BS26-04 0.0'	Total/NA	Solid	300.0	47690
885-48136-5 MSD	BS26-04 0.0'	Total/NA	Solid	300.0	47690

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-01 2.0'

Lab Sample ID: 885-48136-1

Date Collected: 04/22/26 12:25

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 14:43
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 14:43
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 18:40
Total/NA	Prep	300_Prep			47700	MS	EET ALB	04/29/26 10:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 21:41

Client Sample ID: BS26-02 2.0'

Lab Sample ID: 885-48136-2

Date Collected: 04/22/26 12:05

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 15:05
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 15:05
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 18:51
Total/NA	Prep	300_Prep			47700	MS	EET ALB	04/29/26 10:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 21:52

Client Sample ID: BS26-03 0.0'

Lab Sample ID: 885-48136-3

Date Collected: 04/22/26 13:30

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 15:27
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 15:27
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 19:03
Total/NA	Prep	300_Prep			47700	MS	EET ALB	04/29/26 10:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 22:24

Client Sample ID: BS26-03 2.0'

Lab Sample ID: 885-48136-4

Date Collected: 04/22/26 13:40

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 15:48

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-03 2.0'

Lab Sample ID: 885-48136-4

Date Collected: 04/22/26 13:40

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 15:48
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 19:15
Total/NA	Prep	300_Prep			47700	MS	EET ALB	04/29/26 10:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 22:35

Client Sample ID: BS26-04 0.0'

Lab Sample ID: 885-48136-5

Date Collected: 04/23/26 09:20

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 16:10
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 16:10
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 19:38
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 17:31

Client Sample ID: BS26-04 2.0'

Lab Sample ID: 885-48136-6

Date Collected: 04/23/26 09:40

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 16:32
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 16:32
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 19:50
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 14:16

Client Sample ID: BS26-05 0.0'

Lab Sample ID: 885-48136-7

Date Collected: 04/23/26 09:50

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 16:54
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 16:54

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-05 0.0'

Lab Sample ID: 885-48136-7

Date Collected: 04/23/26 09:50

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 20:02
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 14:27

Client Sample ID: BS26-05 2.0'

Lab Sample ID: 885-48136-8

Date Collected: 04/23/26 10:00

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 17:37
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 17:37
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 20:13
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 14:38

Client Sample ID: BS26-06 0.0'

Lab Sample ID: 885-48136-9

Date Collected: 04/23/26 10:10

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 17:59
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 17:59
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 20:25
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 14:48

Client Sample ID: BS26-06 2.0'

Lab Sample ID: 885-48136-10

Date Collected: 04/23/26 10:20

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 18:21
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 18:21
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 20:36

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Spunky BUK State Com @001H

Job ID: 885-48136-1

Client Sample ID: BS26-06 2.0'

Date Collected: 04/23/26 10:20

Date Received: 04/25/26 08:21

Lab Sample ID: 885-48136-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 14:59

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

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Accreditation/Certification Summary

Client: Vertex
Project/Site: Spunky BUK State Com @001H

Job ID: 885-48136-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-27

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-48136-1

Login Number: 48136

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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

July 09, 2026

CHANCE DIXON

VERTEX RESOURCE GROUP

420 SOUTH MAIN, SUITE 202

TULSA, OK 74103

RE: SPUNKY BUK STATE COM #001H

Enclosed are the results of analyses for samples received by the laboratory on 07/08/26 14:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	07/08/2026	Sampling Date:	07/08/2026
Reported:	07/09/2026	Sampling Type:	Soil
Project Name:	SPUNKY BUK STATE COM #001H	Sampling Condition:	** (See Notes)
Project Number:	26A-02596	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS26-01 2.25' (H263834-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/08/2026	ND	2.14	107	2.00	0.140	
Toluene*	<0.050	0.050	07/08/2026	ND	2.07	104	2.00	0.644	
Ethylbenzene*	<0.050	0.050	07/08/2026	ND	2.05	103	2.00	2.49	
Total Xylenes*	<0.150	0.150	07/08/2026	ND	5.92	98.7	6.00	0.887	
Total BTEX	<0.300	0.300	07/08/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/09/2026	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2026	ND	189	94.7	200	0.350	
DRO >C10-C28*	<10.0	10.0	07/08/2026	ND	193	96.4	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	07/08/2026	ND					

Surrogate: 1-Chlorooctane 72.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 68.4 % 37.2-119

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	07/08/2026	Sampling Date:	07/08/2026
Reported:	07/09/2026	Sampling Type:	Soil
Project Name:	SPUNKY BUK STATE COM #001H	Sampling Condition:	** (See Notes)
Project Number:	26A-02596	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS26-02 2.25' (H263834-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/08/2026	ND	2.14	107	2.00	0.140		
Toluene*	<0.050	0.050	07/08/2026	ND	2.07	104	2.00	0.644		
Ethylbenzene*	<0.050	0.050	07/08/2026	ND	2.05	103	2.00	2.49		
Total Xylenes*	<0.150	0.150	07/08/2026	ND	5.92	98.7	6.00	0.887		
Total BTEX	<0.300	0.300	07/08/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/09/2026	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2026	ND	189	94.7	200	0.350	
DRO >C10-C28*	<10.0	10.0	07/08/2026	ND	193	96.4	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	07/08/2026	ND					

Surrogate: 1-Chlorooctane 70.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 66.6 % 37.2-119

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	07/08/2026	Sampling Date:	07/08/2026
Reported:	07/09/2026	Sampling Type:	Soil
Project Name:	SPUNKY BUK STATE COM #001H	Sampling Condition:	** (See Notes)
Project Number:	26A-02596	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS26-03 2.25' (H263834-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/08/2026	ND	2.14	107	2.00	0.140		
Toluene*	<0.050	0.050	07/08/2026	ND	2.07	104	2.00	0.644		
Ethylbenzene*	<0.050	0.050	07/08/2026	ND	2.05	103	2.00	2.49		
Total Xylenes*	<0.150	0.150	07/08/2026	ND	5.92	98.7	6.00	0.887		
Total BTEX	<0.300	0.300	07/08/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	07/09/2026	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2026	ND	189	94.7	200	0.350	
DRO >C10-C28*	<10.0	10.0	07/09/2026	ND	193	96.4	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	07/09/2026	ND					

Surrogate: 1-Chlorooctane 68.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 64.3 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	07/08/2026	Sampling Date:	07/08/2026
Reported:	07/09/2026	Sampling Type:	Soil
Project Name:	SPUNKY BUK STATE COM #001H	Sampling Condition:	** (See Notes)
Project Number:	26A-02596	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: WS26-01 0- 2.25' (H263834-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/08/2026	ND	2.14	107	2.00	0.140		
Toluene*	<0.050	0.050	07/08/2026	ND	2.07	104	2.00	0.644		
Ethylbenzene*	<0.050	0.050	07/08/2026	ND	2.05	103	2.00	2.49		
Total Xylenes*	<0.150	0.150	07/08/2026	ND	5.92	98.7	6.00	0.887		
Total BTEX	<0.300	0.300	07/08/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/09/2026	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2026	ND	189	94.7	200	0.350	
DRO >C10-C28*	<10.0	10.0	07/09/2026	ND	193	96.4	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	07/09/2026	ND					

Surrogate: 1-Chlorooctane 67.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 63.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	07/08/2026	Sampling Date:	07/08/2026
Reported:	07/09/2026	Sampling Type:	Soil
Project Name:	SPUNKY BUK STATE COM #001H	Sampling Condition:	** (See Notes)
Project Number:	26A-02596	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: WS26-02 0-2.25' (H263834-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/08/2026	ND	2.14	107	2.00	0.140		
Toluene*	<0.050	0.050	07/08/2026	ND	2.07	104	2.00	0.644		
Ethylbenzene*	<0.050	0.050	07/08/2026	ND	2.05	103	2.00	2.49		
Total Xylenes*	<0.150	0.150	07/08/2026	ND	5.92	98.7	6.00	0.887		
Total BTEX	<0.300	0.300	07/08/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/09/2026	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2026	ND	189	94.7	200	0.350	
DRO >C10-C28*	<10.0	10.0	07/09/2026	ND	193	96.4	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	07/09/2026	ND					

Surrogate: 1-Chlorooctane 66.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 62.9 % 37.2-119

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

November 18, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PADRON AST

Enclosed are the results of analyses for samples received by the laboratory on 11/17/25 12:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 11/17/2025
 Reported: 11/18/2025
 Project Name: PADRON AST
 Project Number: 25A-03091
 Project Location: EOG - EDDY CO., NM

Sampling Date: 11/14/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BACKFILL - 01 0.0' (H257216-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	173	86.7	200	0.567	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	176	88.1	200	0.387	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane 74.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 11/17/2025
 Reported: 11/18/2025
 Project Name: PADRON AST
 Project Number: 25A-03091
 Project Location: EOG - EDDY CO., NM

Sampling Date: 11/14/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BACKFILL - 02 0.0' (H257216-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2025	ND	2.09	105	2.00	3.96		
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92		
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75		
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61		
Total BTEX	<0.300	0.300	11/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	173	86.7	200	0.567	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	176	88.1	200	0.387	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company: Vertex Resource Services (Direct Bill to EOG Resources Inc)

BILL TO

ANALYSIS REQUEST

Project Manager: Chance Dixon

P.O. #:

Address: 3101 Boyd Drive

Company: EOG Resources

City: Carlsbad State: NM

Attn: Chase Settle

Phone #: 575.725.5001

Address: 5509 Champions Dr.

Project #: 25A-03091

Project Owner: EOG

City: Midland

Project Name: Padron AST

State: TX Zip: 79706

Project Location:

Phone #: 575-703-6537

Sampler Name: A Ludvik

Fax #:

Lab I.D.

MATRIX

PRESERV.

SAMPLING

Sample I.D.

Backfill-01 0.0'

Backfill-02 0.0'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

BTEX (8021)

TPH:8015D(GRO / DRO / MRO)

Chloride

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising under this contract is limited to the amount paid by the client to the analyzer. All claims, including those for negligence and any other causes whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date: 11-17-25 Received By:

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com)

Relinquished By:

Date: 11-17-25 Received By:

REMARKS: Direct Bill to EOG Resources Inc.

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Observed Temp. °C Corrected Temp. °C

Sample Condition Cool Intact

CHECKED BY: (Initials)

Turnaround Time: ☒ Rush ☐ Standard ☐ Bacteria (only) Sample Condition

Thermometer ID #13 Correction Factor -0.3C

Observed Temp. °C 140.3C

Corrected Temp. °C 140.0C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

August 24, 2026

CHANCE DIXON

VERTEX RESOURCE GROUP

420 SOUTH MAIN, SUITE 202

TULSA, OK 74103

RE: SPUNKY BUK STATE COM #001H

Enclosed are the results of analyses for samples received by the laboratory on 08/24/26 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	08/24/2026	Sampling Date:	08/21/2026
Reported:	08/24/2026	Sampling Type:	Soil
Project Name:	SPUNKY BUK STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	26A-02596	Sample Received By:	Tamara Oldaker
Project Location:	EOG		

Sample ID: BS26 - 04 2.25' (H264976-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/24/2026	ND	2.11	105	2.00	4.89		
Toluene*	<0.050	0.050	08/24/2026	ND	2.05	102	2.00	7.07		
Ethylbenzene*	<0.050	0.050	08/24/2026	ND	1.89	94.5	2.00	5.34		
Total Xylenes*	<0.150	0.150	08/24/2026	ND	5.49	91.5	6.00	5.02		
Total BTEX	<0.300	0.300	08/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2026	ND	201	101	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/24/2026	ND	194	97.2	200	0.829	
EXT DRO >C28-C36	<10.0	10.0	08/24/2026	ND					

Surrogate: 1-Chlorooctane 89.7 % 48-117

Surrogate: 1-Chlorooctadecane 88.8 % 39-120

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received: 08/24/2026
 Reported: 08/24/2026
 Project Name: SPUNKY BUK STATE COM #001H
 Project Number: 26A-02596
 Project Location: EOG

Sampling Date: 08/21/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WS26 - 03 0-2.25' (H264976-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/24/2026	ND	2.11	105	2.00	4.89		
Toluene*	<0.050	0.050	08/24/2026	ND	2.05	102	2.00	7.07		
Ethylbenzene*	<0.050	0.050	08/24/2026	ND	1.89	94.5	2.00	5.34		
Total Xylenes*	<0.150	0.150	08/24/2026	ND	5.49	91.5	6.00	5.02		
Total BTEX	<0.300	0.300	08/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2026	ND	201	101	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/24/2026	ND	194	97.2	200	0.829	
EXT DRO >C28-C36	<10.0	10.0	08/24/2026	ND					

Surrogate: 1-Chlorooctane 85.5 % 48-117

Surrogate: 1-Chlorooctadecane 80.0 % 39-120

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company: Vertex Resource Services (Direct Bill to EOG Resources Inc)

BILL TO

ANALYSIS REQUEST

Project Manager: Chance Dixon

Address: 3101 Boyd Drive

City: Carlsbad State: NM

Phone #:

575.725.5001

Fax #:

Project #: 26A-02596

Project Owner: EOG

Project Name: Spunky BUK State Com #001H

Project Location:

Sampler Name: A. Ludvik

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

BS26-04 2.25'

WS26-03 0-2.25'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

08.21.26

14:30

08.21.26

14:35

BTEX (8021)

TPH:8015D(GRO / DRO / MRO)

Chloride

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Relinquished By:

Date: 8-24-26

Received By:

Signature

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

Relinquished By:

Date: 1300

Received By:

Signature

Remarks: Direct Bill to EOG Resources Inc. ATTN: Chase Settle

Remarks: Direct Bill to EOG Resources Inc. ATTN: Chase Settle

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

CHECKED BY:

Turnaround Time:

Standard

Observed Temp. °C

Corrected Temp. °C

Cool ☒ Yes ☐ No

Initials

Thermometer ID

Correction Factor

Yes ☐ No ☐

Yes ☐ No ☐

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsym.com



APPENDIX E

NMOCD Correspondence



Outlook

Re: The Oil Conservation Division (OCD) has rejected the application, Application ID: 607048

From Hadlie Stout <Hadlie_Stout@eogresources.com>**Date** Mon 8/10/2026 3:46 PM**To** Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov>**Cc** Chase Settle <Chase_Settle@eogresources.com>; Chance Dixon <cdixon@vertexresource.com>

Hey Shelly,

Thank you for reviewing the Closure Request - I have a few questions/comments below to add to the denial.

Thank you,

Hadlie Stout

Environmental Representative II

Midland, TX

346-324-7612



From: OCDOnline@emnrd.nm.gov <OCDOnline@emnrd.nm.gov>**Sent:** Monday, August 10, 2026 12:29 PM**To:** Hadlie Stout <Hadlie_Stout@eogresources.com>**Subject:** The Oil Conservation Division (OCD) has rejected the application, Application ID: 607048**CAUTION - External Sender**

This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Hadlie Stout for EOG RESOURCES INC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2609728018, for the following reasons:

- **Remediation closure denied for the following reasons:**
- **1) Delineation samples are marked as BH samples on Figure 4 however the same samples are named with a BS prefix on Table I. Sampling nomenclature should be consistent throughout so as to eliminate confusion. Update.**
 - **Will update in revised report, should all be BS samples**

- 2) On pg. 4 you say: "One borehole, BS26-01, was advanced via hand auger at the location of the tear in the liner floor." As you can see in the second photo on pg. 30, this was located inside the metal lines that surround the tank, within a foot or so of the tank. This appears to be the breach shown in Photo 8. This area does not appear to be addressed in the remediation that occurred in the photographs shown on pg. 35.
 - **Two breaches were identified and shown on the photographic log. I'll revise the report text to reflect that. BS26-01 was advanced at the tear closer to the tank and BS26-02 was advanced at the tear closer to the sidewall.**
- 3) Photo 6 of the liner inspection shows a hole closer to the containment side. How many breaches were found? The location of all breaches found during the liner inspection should be clearly marked on a scaled sitemap. Submit this within an updated remediation closure report.
 - **Two breaches identified and delineated via BS26-01 and BS26-02. I'll add a figure showing the liner holes identified during inspection.**
- 4) Referring to Google Earth satellite imagery from 4/26/26, it appears oil leached out the north side of the tank battery. A delineation grab sample should be collected directly beside the containment on the north side and submitted to a laboratory to be tested for all Table I constituents. Because this containment was determined to lack integrity, a delineation grab sample must be collected on the west and south sides of the containment as well.
 - **Based on the 2019 imagery, a darker gravel was added to the northern bermed area. EOG believes that the contrast on the camera used for updated imagery is distorting colors. The incident discussed in this report is laterally delineated to north by BS26-06.**



- 5) All areas that were found to be breached and were not included in the excavation area are required to have five-point composite samples collected for closure. OCD requires a five-foot by five-foot (5' x 5') square to be cut in the liner at the location of each breach and each identified weakened area, as well as any additional areas discovered during the investigation. A five-point composite soil sample must be collected from each exposed area and analyzed for TPH, BTEX, and chlorides using the analytical methods specified in Table I of 19.15.29 NMAC. All affected areas must be vertically and horizontally delineated pursuant to 19.15.29.11(A)(5)(b) NMAC and remediated in accordance with 19.15.29.12 NMAC.
 - EOG agrees, BS26-01 was missed in the original excavation. We will go back to site and complete remediation of that area to the maximum extent possible. Based on the area, we may not fully be able to cut a 5' x 5' area but will cut as close as we can to equipment.
- Submit a complete and accurate report to the OCD by 10/9/26.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 607048.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Shelly Wells
Senior Environmental Scientist
505-469-7520
Shelly.Wells@emnrd.nm.gov

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



Outlook

RE: [EXTERNAL] (Extension Request) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

From Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Date Tue 6/30/2026 11:42 AM

To Hadlie Stout <Hadlie_Stout@eogresources.com>

Cc Chase Settle <Chase_Settle@eogresources.com>; Chance Dixon <cdixon@vertexresource.com>

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Good morning Hadlie,

A 90-day extension is approved for nAPP2609728018 Spunky BUK State Com 1H. A complete and accurate report is due to the OCD no later than October 1, 2026. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist

Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive

Santa Fe, NM 87505

(505)469-7520

Shelly.Wells@emnrd.nm.gov

From: Hadlie Stout <Hadlie_Stout@eogresources.com>

Sent: Tuesday, June 30, 2026 7:28 AM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Chase Settle <Chase_Settle@eogresources.com>; Chance Dixon <cdixon@vertexresource.com>

Subject: [EXTERNAL] (Extension Request) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

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Good morning Shelly,

EOG Resources, Inc (EOG) is requesting an extension request for submitting a closure report required in 19.15.29.12.B.(1) NMAC for the Spunky BUK State Com 1H (Incident Number nAPP2609728018). On April 4, 2026, a production tank over ran due to the equalizing line being

closed, resulting in the release of approximately 8 bbls of crude oil out of the thief hatch and into the lined secondary containment. A vacuum truck was dispatched to the Site to recover free-standing fluids; approximately all 8 bbls of crude oil were recovered. The lined containment was power washed to remove any residual dirt and debris. On April 14, 2026, a liner inspection was completed, and the liner was determined to be insufficient. Based on liner delineation activities, excavation activities were warranted within the containment. In order for operations to reroute utilities within our proposed work area, complete excavation and confirmation sampling activities, and submit a closure report, EOG requests a 90-day extension of the current deadline of July 3, 2026 until October 1, 2026.

Please reach out if you have any questions or would like to discuss further.

Thank you,

Hadlie Stout

Environmental Representative II

Midland, TX

346-324-7612





APPENDIX F

SLO Correspondence



Re: (Sampling Notification) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

From Hadlie Stout <Hadlie_Stout@eogresources.com>

Date Tue 8/18/2026 9:43 AM

To eco@slo.state.nm.us <eco@slo.state.nm.us>

Cc Chase Settle <Chase_Settle@eogresources.com>; Chance Dixon <cdixon@vertexresource.com>

Good morning,

This is a notification that Vertex, on behalf of EOG Resources, will be conducting sampling activities at the below Site on Friday, August 21, 2026.

Spunky BUK State Com 1H
32.07849, -104.27067
Incident Number nAPP2609728018
Sampling Date: 8/21/2026
Start Time: 0800 MT

Thank you,

Hadlie Stout

Environmental Representative II
Midland, TX
346-324-7612



From: Hadlie Stout <Hadlie_Stout@eogresources.com>

Sent: Thursday, July 2, 2026 10:21 AM

To: eco@slo.state.nm.us <eco@slo.state.nm.us>

Cc: Chase Settle <Chase_Settle@eogresources.com>; Chance Dixon <cdixon@vertexresource.com>

Subject: (Sampling Notification) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

Good morning,

This is a notification that Vertex, on behalf of EOG Resources, will be conducting sampling activities at the below Site on Wednesday, July 8, 2026.

Spunky BUK State Com 1H

32.07849, -104.27067
Incident Number nAPP2609728018
Sampling Date: 7/08/2026
Start Time: 0830 MT

Thank you,

Hadlie Stout

Environmental Representative II
Midland, TX
346-324-7612





(Liner Integrity Inspection Activities) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

From Hadlie Stout <Hadlie_Stout@eogresources.com>

Date Wed 4/8/2026 12:34 PM

To eco@slo.state.nm.us <eco@slo.state.nm.us>

Cc Chase Settle <Chase_Settle@eogresources.com>; Bill Smith <Bill_Smith@eogresources.com>; Todd Wells <Todd_Wells@eogresources.com>

Good afternoon,

This is a notification that EOG Resources will be conducting liner integrity inspection activities at the below site on Tuesday, April 14, 2026.

Spunky BUK State Com 1H
32.07849, -104.27067
Incident Number nAPP2609728018
Inspection Date: 04/14/2026
Inspection Time: 0900 MT

Thank you,

Hadlie Stout
Environmental Representative II
Midland, TX
346-324-7612





(Sampling Notification) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

From Hadlie Stout <Hadlie_Stout@eogresources.com>

Date Mon 4/20/2026 12:11 PM

To eco@slo.state.nm.us <eco@slo.state.nm.us>

Cc Chase Settle <Chase_Settle@eogresources.com>; Chance Dixon <cdixon@vertexresource.com>

Good afternoon,

This is a notification that Vertex Resources, on behalf of EOG Resources, will be conducting sampling activities at the below Site between Wednesday, April 22, 2026, and Thursday, April 23, 2026.

Spunky BUK State Com 1H
32.07849, -104.27067
Incident Number nAPP2609728018
Sampling Dates: 4/22-23/2026

Thank you,

Hadlie Stout
Environmental Representative II
Midland, TX
346-324-7612





(Sampling Notification) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

From Hadlie Stout <Hadlie_Stout@eogresources.com>

Date Thu 7/2/2026 10:21 AM

To eco@slo.state.nm.us <eco@slo.state.nm.us>

Cc Chase Settle <Chase_Settle@eogresources.com>; Chance Dixon <cdixon@vertexresource.com>

Good morning,

This is a notification that Vertex, on behalf of EOG Resources, will be conducting sampling activities at the below Site on Wednesday, July 8, 2026.

Spunky BUK State Com 1H
32.07849, -104.27067
Incident Number nAPP2609728018
Sampling Date: 7/08/2026
Start Time: 0830 MT

Thank you,

Hadlie Stout
Environmental Representative II
Midland, TX
346-324-7612





APPENDIX G

Closure Request, dated July 22, 2026



CLOSURE REQUEST

Spunky BUK State Com 1H
Incident Number nAPP2609728018
Eddy County, New Mexico
Unit D, Section 02, T26S, R26E
32.078485, -104.270667

July 22, 2026

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- 2.0 SITE CHARACTERIZATION AND CLOSURE CRITERIA
- 3.0 NMSLO CULTURAL RESOURCES AND BIOLOGICAL REVIEW
- 4.0 LINER INTEGRITY INSPECTION ACTIVITIES
- 5.0 DELINEATION ACTIVITIES AND LABORATORY ANALYTICAL RESULTS
- 6.0 EXCAVATION ACTIVITIES AND LABORATORY ANALYTICAL RESULTS
- 7.0 CONCLUSIONS

LIST OF APPENDICES

- Figure 1 Site Location Map
- Figure 2 Site Vicinity Map
- Figure 3 Release Map
- Figure 4 Delineation Soil Sample Locations
- Figure 5 Excavation Soil Sample Locations
- Table 1 Soil Sample Analytical Results
- Appendix A Site Characterization and Groundwater
 - Figure A 0.5 Mile Radius Water Well Map
 - Figure B National Wetlands Inventory Map
 - Figure C FEMA Flood Map
 - Figure D Karst Potential Map
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- Appendix C Photographic Log
- Appendix D Lithologic Soil Sampling Logs
- Appendix E Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix F NMOCD Correspondence
- Appendix G SLO Correspondence



July 22, 2026

New Mexico Oil Conservation Division

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

**Re: Closure Request
Spunky BUK State Com 1H
Incident Number nAPP2609728018
SLO Lease Number: VB-1766-0001
Eddy County, New Mexico**

To whom it may concern:

EOG Resources, Inc. (EOG) has prepared the following *Closure Request* to document assessment, delineation, excavation, and soil sampling activities at the Spunky BUK State Com 1H (Site). The purpose of the remedial activities was to assess for the presence or absence of impacts to soil following a crude oil release within a lined active tank battery containment. Based on field observations and soil sample laboratory analytical results, EOG is submitting this *Closure Request*, describing remediation activities that have occurred and requesting no further action for Incident Number nAPP2609728018.

1.0 Site Description and Release Summary

The Site is located in Unit D, Section 02, Township 26 South, Range 26 East, in Eddy County, New Mexico (32.078485, -104.270667) and is associated with oil and gas exploration and production operations on State Trust Land managed by the New Mexico State Land Office (SLO).

On April 4, 2026, a production oil tank over ran due to the equalizing line being closed, resulting in the release of approximately 8 barrels (bbs) of crude oil into a lined containment. A vacuum truck was dispatched to the Site to recover free-standing fluids; approximately all 8 bbls of crude oil were recovered. The equalizing line was reopened to prevent further release, and the lined containment was power washed to remove any residual fluids. EOG reported the release to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) on April 7, 2026, and subsequently on a Release Notification Form C-141 (C-141) on April 8, 2026. The release was assigned Incident Number nAPP2609728018.



2.0 Site Characterization and Closure Criteria

The Site was characterized for applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization are summarized below.

Depth to groundwater at the Site is estimated to be less than 50 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater less than 25 years old is United States Geological Survey (USGS) well 320320104145101, located approximately 2.2 miles southeast of the Site. The groundwater well had a reported depth to groundwater of 12.6 feet bgs in February 2018. All wells used for depth to groundwater determination are presented on Figure A included in Appendix A and the associated well records are included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 543 feet north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by unstable geology (high potential karst designation area). Potential Site receptors are identified in Figures A through D included in Appendix A.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

3.0 NMSLO Cultural Resources and Biological Review

Cultural Properties Protection

Since the release occurred on the well pad, no additional cultural resource surveys were completed in connection with this release.

Biological Review

EOG personnel conducted a desktop review to establish if the Site is within an area of possible threatened, endangered, and sensitive wildlife and plant species, environmentally sensitive areas, surface waters, and sensitive soils.



- A review of the United States Fish and Wildlife Services Information for Planning and Consultation (IPaC) resources indicated there are potential Texas Hornshell clam habitats near the Site. A review of the Bureau of Land Management (BLM) New Mexico Plant Wildlife Habitat maps indicated there are no potential habitats located near the Site.
- The Site is not located within an area of possible range of the Lesser Prairie Chicken habitat based on a review of the SLO Candidate Conservation Agreement (CCAA) map.
- Depth to groundwater at the Site is estimated to be less than 50 feet bgs and the Site is underlain by unstable geology (high potential karst designation area), as determined by the Site Characterization.
- The Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the soil type at the Site as predominantly Reeves-Gypsum land complex, 0 to 3 percent slopes. The Reeves-Gypsum land complex is not considered a sensitive soil per the SLO guidelines.

4.0 Liner Integrity Inspection Activities

A 48-hour advance notice of the liner inspection was submitted to the NMOCD on April 8, 2026. Prior to conducting the liner integrity inspection, EOG operations power washed the liner to remove dirt and debris and recover any residual fluids. A liner integrity inspection was conducted by EOG personnel on April 14, 2026. Upon inspection, the liner was determined to be insufficient. Photographs of the liner inspection activities are included in Appendix C.

5.0 Delineation Activities and Laboratory Analytical Results

On April 22 and 23, 2026, Vertex Resource Services Inc. (Vertex) personnel were at the Site to conduct delineation activities. One borehole, BS26-01, was advanced via hand auger at the location of the tear in the liner floor. The borehole was advanced to a depth of 2 feet bgs, where hand auger refusal was encountered due to subsurface conditions indicating the presence of a competent, low permeability bedrock layer. Five boreholes, BS26-02 through BS26-06, were advanced via hand auger within and around the lined containment to confirm the lateral extent of the release. The boreholes were advanced to a depth of 2 feet bgs. Discrete delineation soil samples were collected from the boreholes at depths ranging from the ground surface to 2 feet bgs. The delineation soil samples were field screened for volatile organic compounds (VOCs) and chloride. Following delineation activities, the lined containment was restored utilizing a spray-on non-invasive impermeable coating allowing restoration of spill control without requiring major deconstruction. Field screening results and observations of the soil samples collected from the boreholes were logged on lithologic soil sampling logs, which are included in Appendix D. The release extent and sample locations were mapped and are depicted on Figure 3 and Figure 4. Photographic documentation is included in Appendix C.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the Site location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples



were transported under strict chain-of-custody procedures to Eurofins Environment Testing (Eurofins) in Albuquerque, New Mexico for the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results for borehole BS26-01 indicated TPH concentrations exceeded the Closure Criteria at 2 feet bgs. Laboratory analytical results delineation soil samples collected from boreholes BS26-02 through BS26-06 indicated all COC concentrations were compliant with the Closure Criteria and successfully defined the lateral extent of the release. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included in Appendix E. Based on laboratory analytical results, excavation activities were warranted.

6.0 Excavation Activities and Laboratory Analytical Results

Between July 2 and July 8, 2026, Vertex personnel returned to the Site to oversee excavation of impacted soil. Excavation activities were performed by the use of hand shovels, hydro vacuum, mechanical equipment, and transport vehicles. To direct excavation activities, soil was field screened for VOCs and chloride. Once field screening results indicated impacted soil was adequately removed, 5-point composite soil samples were collected every 200 square feet from the floor and sidewalls of the excavation extent. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Bottom hole samples BS26-01 through BS26-03 were collected from the floor of the excavation at a depth of 2.25 feet bgs. Confirmation samples WS26-01 and WS26-02 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 2.25 feet bgs. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following COCs: BTEX following EPA Method 8021B; TPH-GRO, TPH-DRO, and TPH-ORO following EPA Method 8015M/D; and chloride following Standard Method 4500. The excavation extent and confirmation soil sample locations are depicted on Figure 5. Photographic documentation of the excavation activities is provided in Appendix C.

The final excavation extent measured approximately 600 square feet. A total of approximately 50 cubic yards of impacted soil were removed during excavation activities. The impacted soil was transported and disposed of at the Owl Landfill in Jal, New Mexico. The excavation was backfilled with material purchased locally and the area was recontoured to match pre-existing Site conditions. Two representative 5-point composite samples (BACKFILL-01 and BACKFILL-02) were collected from the caliche backfill pit on November 14, 2025. The backfill soil samples were handled, transported, and submitted as described above.

Laboratory analytical results for all final confirmation soil samples indicated all COCs were in compliance with the Closure Criteria. Laboratory analytical results for the backfill soil samples confirmed compliance with reclamation requirements. The laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included in Appendix E.



7.0 Conclusions

Delineation and excavation activities were conducted at the Site following the failed liner integrity inspection, resulting from the April 4, 2026, produced water release within the containment. Laboratory analytical results for all confirmation soil samples collected from the excavation extent indicated all COCs were compliant with the Closure Criteria. Based on the soil sample analytical results, no further remediation was required. The excavation was backfilled with material purchased locally and the area was recontoured to match pre-existing Site conditions. Following backfill activities, the lined containment was repaired.

Excavation of impacted soil has mitigated impacts at this Site. EOG believes these remedial actions are protective of human health, the environment, and groundwater. As such, EOG respectfully requests closure for Incident Number nAPP2609728018.

If you have any questions or comments, please contact the undersigned.

Sincerely,
EOG Resources, Inc.

A handwritten signature in black ink that reads "Hadlie Stout".

Hadlie Stout
(346) 324-7612
Hadlie_stout@eogresources.com
Environmental Representative II

cc: SLO



FIGURES







Document Path: S:\04 - Geomatics\1 - Projects\1. US PROJECTS\NEOG Resources Inc\2026\26A-02596-Spunky BUK State Com #001H.aprx



Excavation Soil Sample Locations

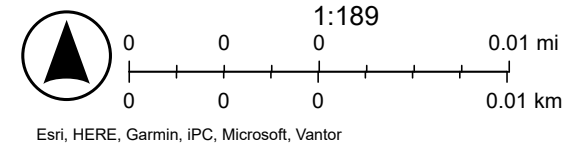


7/8/2026

World_Boundaries_and_Places
Confirmation Soil Sample
+ Confirmation Sample

Remediation Extent
Remediation Extent
World Imagery
Low Resolution 15m Imagery

High Resolution 60cm Imagery
High Resolution 30cm Imagery
Citations





TABLES

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Spunky BUK State Com 1H
EOG Resources, Inc.
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO + DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	NE	NE	NE	50	NE	NE	NE	NE	100	600
Delineation Soil Samples													
BS26-01	04/22/2026	2	<0.024	<0.049	<0.049	<0.049	<0.049	<4.9	74	100	74	174	92
BS26-02	04/22/2026	2	<0.023	<0.047	<0.047	<0.047	<0.047	<4.7	<9.5	<47	<9.5	<47	250
BS26-03	04/22/2026	0	<0.025	<0.049	<0.049	<0.049	<0.049	<4.9	20	<47	20	20	140
BS26-03	04/22/2026	2	<0.024	<0.049	<0.049	<0.049	<0.049	<4.9	<9.5	<48	<9.5	<48	480
BS26-04	04/23/2026	0	<0.024	<0.048	<0.048	<0.048	<0.048	<4.8	<9.0	<45	<9.0	<45	<51
BS26-04	04/23/2026	2	<0.024	<0.049	<0.049	<0.049	<0.049	<4.9	26	63	26	89	53
BS26-05	04/23/2026	0	<0.024	<0.048	<0.048	<0.048	<0.048	<4.8	<8.8	<44	<8.8	<44	160
BS26-05	04/23/2026	2	<0.024	<0.047	<0.047	<0.047	<0.047	<4.7	14	<44	14	14	110
BS26-06	04/23/2026	0	<0.025	<0.050	<0.050	<0.050	<0.050	<5.0	<9.6	<48	<9.6	<48	390
BS26-06	04/23/2026	2	<0.025	<0.049	<0.049	<0.049	<0.049	<4.9	<9.9	<50	<9.9	<50	52
Excavation Soil Samples													
BS26-01	07/08/2026	2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
BS26-02	07/08/2026	2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
BS26-03	07/08/2026	2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
WS26-01	07/08/2026	0 - 2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
WS26-02	07/08/2026	0 - 2.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
Backfill Soil Samples													
BACKFILL-01	11/14/2025	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
BACKFILL-02	11/14/2025	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0

bgs - below ground surface

mg/kg - milligrams per kilogram

NE - not established

NMOCD - New Mexico Oil Conservation Division

NMAC - New Mexico Administrative Code

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

ORO - Oil Range Organics

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation requirement where applicable.

Grey text represents samples that have been excavated



APPENDIX A

Site Characterization and Groundwater

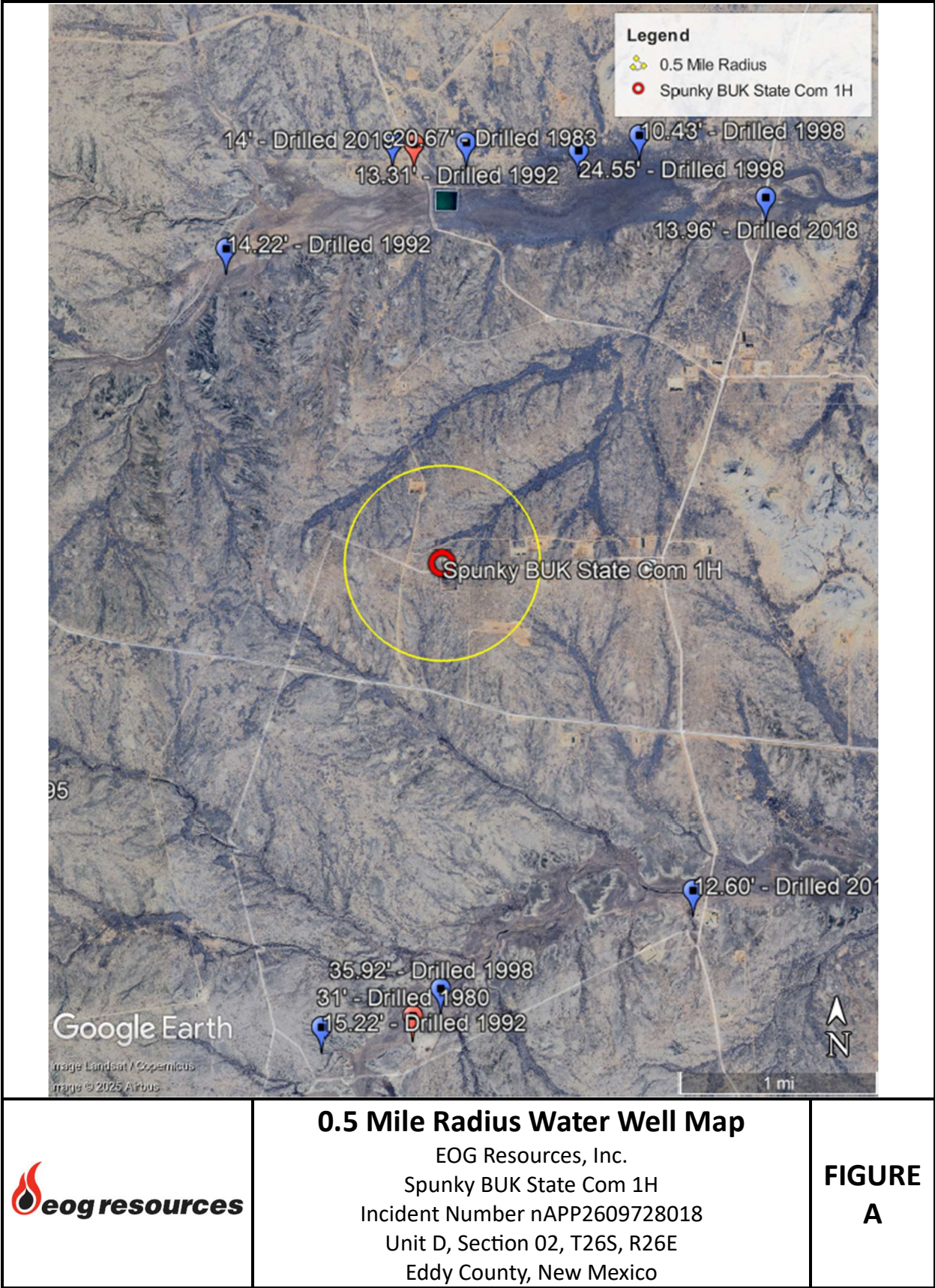




Figure B: National Wetlands Inventory Map



July 22, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

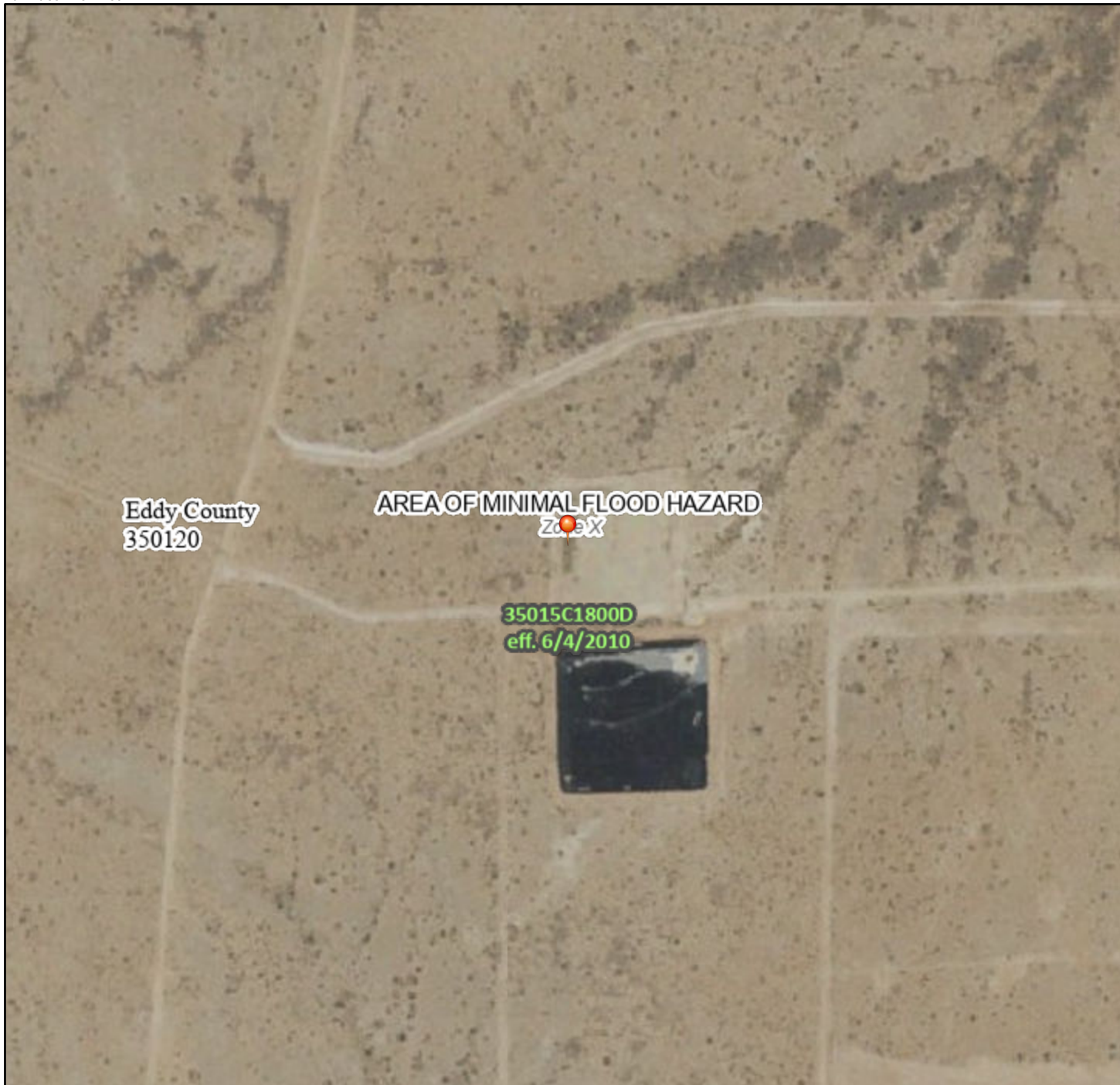
- Lake
- Other
- Riverine

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.

Figure C: FEMA Flood Map



104°16'33"W 32°4'58"N



Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/22/2026 at 5:44 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.

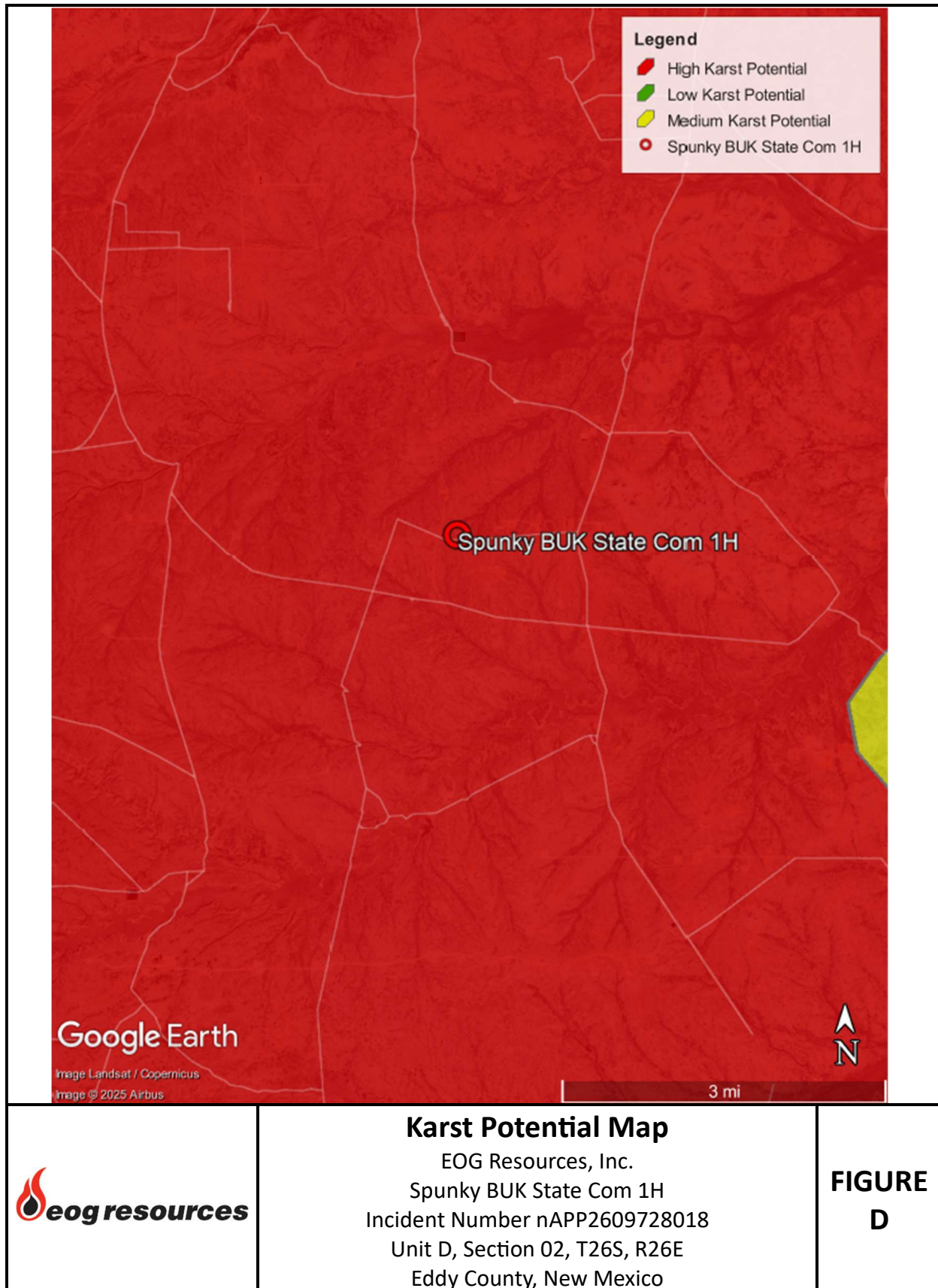
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Released to Imaging: 9/17/2026 2:12:10 PM

1:6,000

104°15'56"W 32°4'27"N

Basemap Imagery Source: USGS National Map 2023





APPENDIX B

Referenced Well Records

Monitoring location

26S.26E.12.34120 - USGS-320320104145101

Urgent for you to know:

- UPDATE: GOES-19 satellite operations have been fully restored, and real-time telemetry data are once again being processed and delivered through USGS data delivery portals. Over the next several weeks, data gaps from the outage period will be backfilled for affected monitoring locations that have field-recorded data available.

DID YOU KNOW You can see all water data collected at this monitoring location in the *Available data* section of the page. Learn more about [centralized water data delivery](#) in WDFN.

☐ 1 year ☐ 10 years ☒ Period of record

Scale Linear

[Log](#)

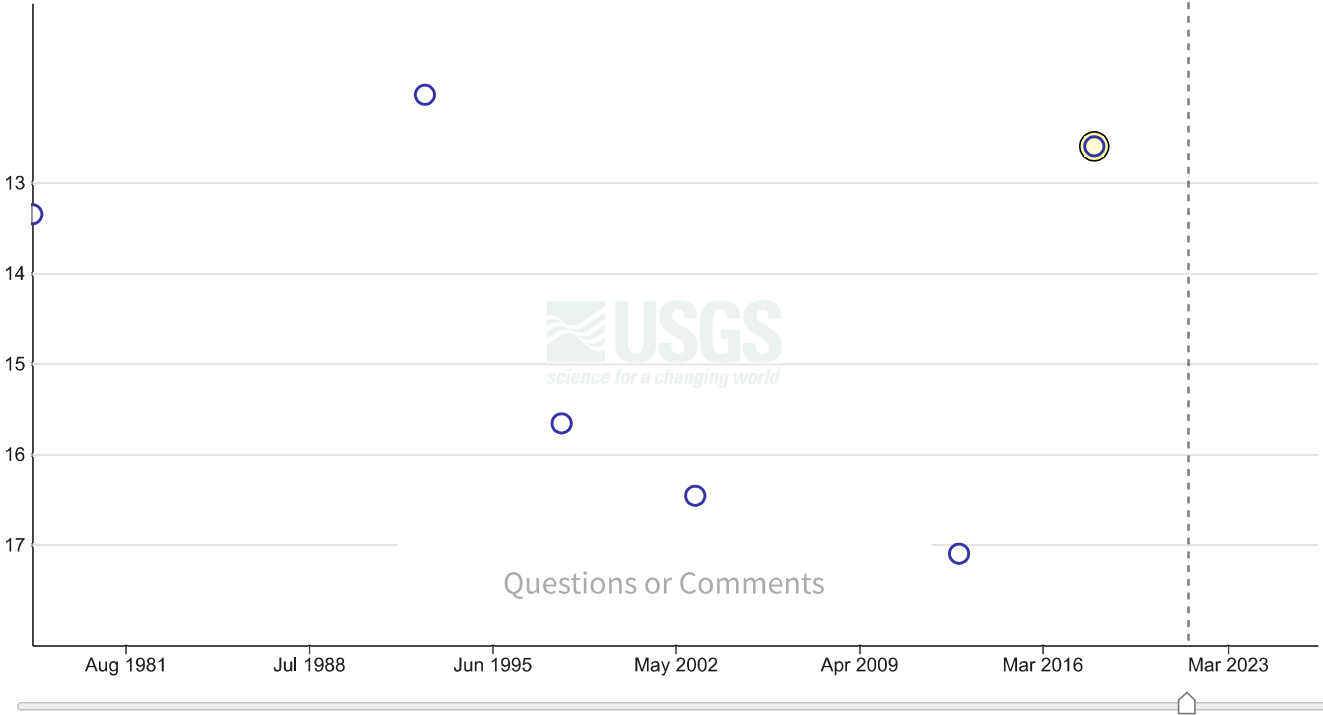
Field measurements

26S.26E.12.34120 - USGS-320320104145101

January 25, 1978 - July 20, 2026

Depth to water level, feet below land surface

12.60 ft - Feb 15, 2018 03:14:00 PM MST



IMPORTANT Data may be [provisional](#)

Show legend ▾

Hide graph details ▲

	Value	Status	
Selected field measurement	12.60	Approved Static	Feb 15, 2018 03:14:00 PM MST

Hide graph details ▲

Change time span

Download data

View tabular data

Start typing a time code to filter the Time column:

Depth to water level, feet below land surface -- field measurements

Time ▾	Result	Approval	Qualifiers
2018-02-15 03:14:00 PM MST	12.60	Approved	Static

Time	Result	Approval	Qualifiers
2013-01-09 03:10:00 PM MST	17.10	Approved	Static
2003-01-28 05:00:00 AM MST	16.46	Approved	Static
1998-01-13 05:00:00 AM MST	15.66	Approved	Static
1992-11-18 05:00:00 AM MST	12.03	Approved	Static
1978-01-25 05:00:00 AM MST	13.35	Approved	Static

Hide view tabular data ^

Available data

Select data types to graph from categories based on the way the data were collected.
Learn about the data collection categories

Expand all data collections

Continuous data

0 data types available

Daily data

0 data types available

Field measurements

3 data types available - data from 1978-01-25 to 2018-02-15

Hide these data types

Field measurements are physically measured values collected during a visit to the monitoring location.

[Learn about Field measurements](#)

	Data type	Data date range
Graphed	Depth to water level, feet below land surface	1978-01-25 2018-02-15
Graph it	Groundwater level above NAVD 1988, feet	1978-01-25 2018-02-15
Graph it	Groundwater level above NGVD 1929, feet	1978-01-25 2018-02-15

Hide these data types

Discrete sample data

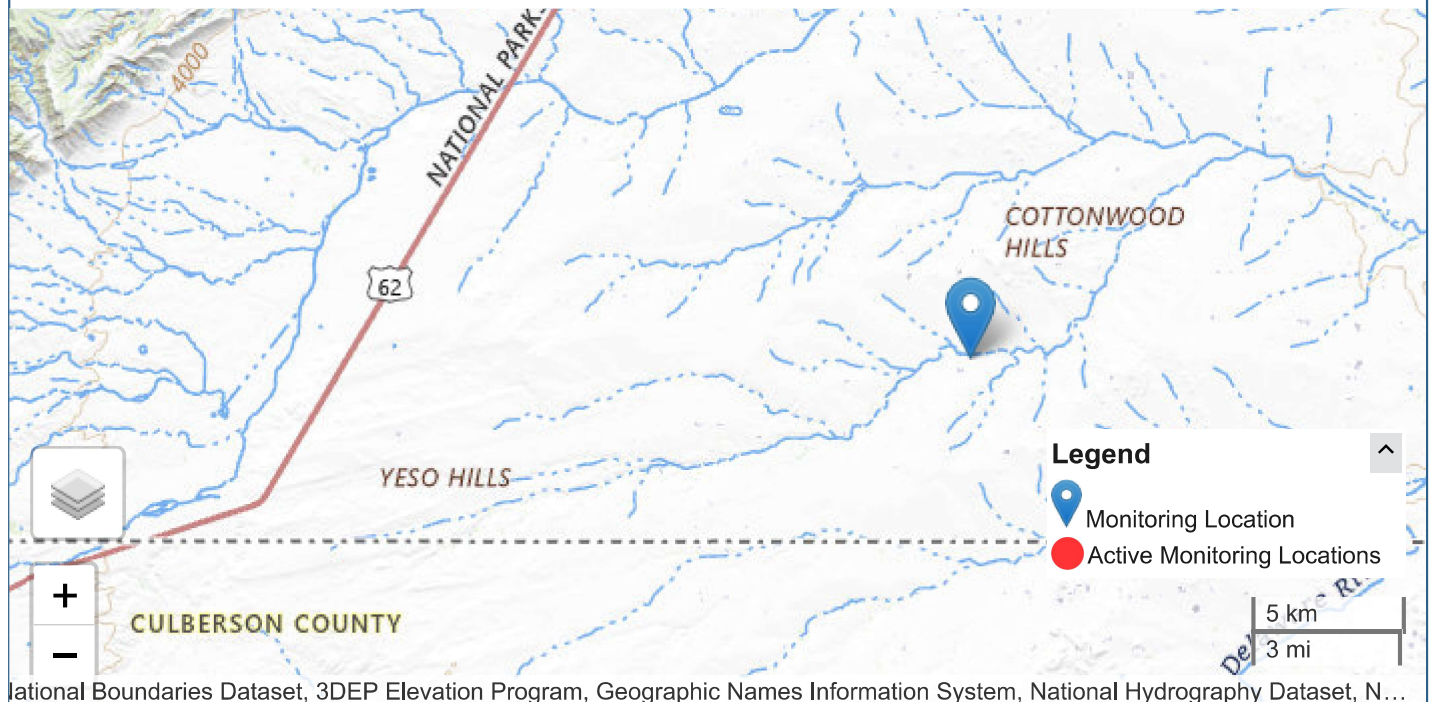
0 observed properties (data types) available

Statistical tables for select daily data types

0 data types available

Location details and information[Show location details](#)**Monitoring locations with continuous data in last 120 days**

2 locations found

[View these locations in My Favorites](#)[Use Explore USGS Water Data to discover additional data near this location](#)

Interested in understanding how to access the upstream/downstream data? [Learn about the Network-Linked Data Index \(NLDI\)](#).

[DOI Privacy Policy](#) | [Legal](#) | [Accessibility](#) | [Site Map](#) | [Contact USGS](#)[Follow](#)[U.S. Department of the Interior](#) | [DOI Inspector General](#) | [White House](#) | [No Fear Act](#) | [FOIA](#)



APPENDIX C

Photographic Log

Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018



Photograph: 1

Date: 4/14/2026

Description: Well location sign



Photograph: 2

Date: 4/14/2026

Description: Containment overview



Photograph: 3

Date: 4/14/2026

Description: Containment overview



Photograph: 4

Date: 4/14/2026

Description: Liner inspection activities

Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018

	
Photograph: 5 Date: 4/14/2026 Description: Liner inspection activities	Photograph: 6 Date: 4/14/2026 Description: Location of hole identified in the floor of the lined containment
	
Photograph: 7 Date: 4/14/2026 Description: Liner inspection activities	Photograph: 8 Date: 4/14/2026 Description: Location of tear identified in the floor of the lined containment

Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018



Photograph: 9 Date: 4/14/2026

Description: Liner inspection activities



Photograph: 10 Date: 4/14/2026

Description: Liner inspection activities



Photograph: 11 Date: 4/14/2026

Description: Liner inspection activities



Photograph: 12 Date: 4/14/2026

Description: Liner inspection activities

Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018



Photograph: 13

Date: 4/14/2026

Description: Liner inspection activities



Photograph: 14

Date: 4/14/2026

Description: Liner inspection activities



Photograph: 15

Date: 4/14/2026

Description: Liner inspection activities



Photograph: 16

Date: 4/14/2026

Description: Liner inspection activities



Daily Field Log
Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 4/22/2026
Time: 14:57
Notes: Placard
Latitude: 32.03754166666666
Longitude: -104.2118
Direction: NW



Date: 4/22/2026
Time: 14:59
Notes: BH26-01 collected at 0', 1', and 2' bgs.
Latitude: 32.06040555555555
Longitude: -104.23964722222222
Direction: S





Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 4/22/2026
Time: 15:00
Notes: BH26-02 collected at 0', 1', and 2' bgs.
Latitude: 32.07860833333335
Longitude: -104.27069722222222
Direction: NE



Date: 4/22/2026
Time: 15:02
Notes: BH26-03 collected at 0' and 2' bgs
Latitude: 32.07895555555556
Longitude: -104.27044722222222
Direction: SW





Daily Field Log
Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 4/22/2026
Time: 15:49
Notes: BH26-01 liner tear was patched
Latitude: 32.04011666666666
Longitude: -104.23916666666666
Direction: NE



Date: 4/22/2026
Time: 15:49
Notes: BH26-02 liner tear was patched
Latitude: 32.05080833333333
Longitude: -104.230225
Direction: NE



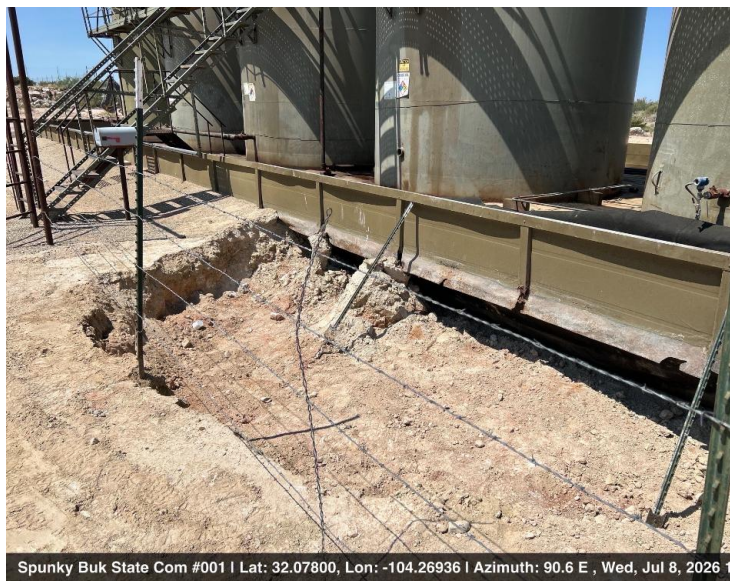


Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 7/8/2026
Time: 11:05
Notes: East of containment facing southwest.
Latitude: 32.07800277777778
Longitude: -104.26936388888889
Direction: E



Date: 7/8/2026
Time: 11:07
Notes: East of containment facing northwest.
Latitude: 32.07792777777778
Longitude: -104.26920277777778
Direction: NE





Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 7/8/2026
Time: 11:07
Notes: East of containment facing north.
Latitude: 32.07792777777778
Longitude: -104.26920277777778
Direction: NE



Date: 7/8/2026
Time: 11:07
Notes: East of containment facing south.
Latitude: 32.07785555555556
Longitude: -104.26904444444445
Direction: NE





Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 7/8/2026
Time: 11:07
Notes: East of tanks facing south.
Latitude: 32.077827777777784
Longitude: -104.26873888888889
Direction: NE



Date: 7/8/2026
Time: 11:07
Notes: East of tanks facing north.
Latitude: 32.077836111111111
Longitude: -104.26847777777778
Direction: NE





Daily Field Log

Site: Spunky Buk State Com #001
Client: EOG Resources, Inc

Pictures/Attachments

Date: 7/8/2026
Time: 11:08
Notes: On steps east of tanks facing north over excavation to 2.25 feet bgs.
Latitude: 32.07846388888889
Longitude: -104.27061388888889
Direction: S



Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018



Photograph: 1

Date: 7/10/2026

Description: Backfilled excavation prior to
liner repair



Photograph: 2

Date: 7/10/2026

Description: Backfilled excavation prior to
liner repair



Photograph: 3

Date: 7/10/2026

Description: Backfilled excavation



Photograph: 4

Date: 7/11/2026

Description: Repaired liner

Photographic Log
EOG Resources, Inc.
Spunky BUK State Com 1H
Incident Number nAPP2609728018



Photograph: 5

Date: 7/11/2026

Description: Repaired liner



Photograph: 6

Date: 7/11/2026

Description: Repaired containment



Photograph: 7

Date: 7/11/2026

Description: Repaired containment



Photograph: 8

Date: 7/11/2026

Description: Repaired containment



APPENDIX D

Lithologic Soil Sampling Logs



Daily Soil Sampling
 Site: Spunky Buk State Com #001
 Client: EOG Resources, Inc

Project No: 26A-02596

Spunky Buk State Com #001

Date: 4/22/2026

Incident ID Number(s): nAPP2609728018

Sampling										
		Field Screening						Data Collection		
		Hydrocarbon		Chloride						
Sample ID	Depth (ft)	VOC	TPH (ppm)	EC Reading	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Marked on Map?	Refusal Depth (ft)	Refusal Comments
BH26-01	0		2000				280	Yes		
BH26-01	1		559				203	Yes		
BH26-01	2		65				318	Yes		
BH26-02	0		2000				165	Yes		
BH26-02	1		182				190	Yes		
BH26-02	2		82				225	Yes		
BH26-03	0		58				573	Yes		
BH26-03	2		48				110	Yes		



APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation



Environment Testing

- 1
- 2
- 3
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- 5
- 6
- 7
- 8
- 9
- 10
- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 4/30/2026 1:52:46 PM

JOB DESCRIPTION

Spunky BUK State Com @001H

JOB NUMBER

885-48136-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Generated
4/30/2026 1:52:46 PM

Client: Vertex
Project/Site: Spunky BUK State Com @001H

Laboratory Job ID: 885-48136-1

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QC Sample Results	16
QC Association Summary	19
Lab Chronicle	22
Certification Summary	26
Chain of Custody	27
Receipt Checklists	28



Definitions/Glossary

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Vertex
Project: Spunky BUK State Com @001H

Job ID: 885-48136-1

Job ID: 885-48136-1

Eurofins Albuquerque

Job Narrative 885-48136-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/25/2026 8:21 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C.

Gasoline Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-01 2.0'

Lab Sample ID: 885-48136-1

Date Collected: 04/22/26 12:25

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/27/26 12:44	04/28/26 14:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			04/27/26 12:44	04/28/26 14:43	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 14:43	1
Ethylbenzene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 14:43	1
Toluene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 14:43	1
Xylenes, Total	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 14:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130			04/27/26 12:44	04/28/26 14:43	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	74		9.7	mg/Kg		04/29/26 06:56	04/29/26 18:40	1
Motor Oil Range Organics [C28-C40]	100		49	mg/Kg		04/29/26 06:56	04/29/26 18:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	79		62 - 134			04/29/26 06:56	04/29/26 18:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92		50	mg/Kg		04/29/26 10:51	04/29/26 21:41	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-02 2.0'

Lab Sample ID: 885-48136-2

Date Collected: 04/22/26 12:05

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/27/26 12:44	04/28/26 15:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			04/27/26 12:44	04/28/26 15:05	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/27/26 12:44	04/28/26 15:05	1
Ethylbenzene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:05	1
Toluene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:05	1
Xylenes, Total	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			04/27/26 12:44	04/28/26 15:05	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	20		9.5	mg/Kg		04/29/26 06:56	04/29/26 18:51	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		04/29/26 06:56	04/29/26 18:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			04/29/26 06:56	04/29/26 18:51	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		49	mg/Kg		04/29/26 10:51	04/29/26 21:52	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-03 0.0'

Lab Sample ID: 885-48136-3

Date Collected: 04/22/26 13:30

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/27/26 12:44	04/28/26 15:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			04/27/26 12:44	04/28/26 15:27	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 15:27	1
Ethylbenzene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:27	1
Toluene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:27	1
Xylenes, Total	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 15:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130			04/27/26 12:44	04/28/26 15:27	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		04/29/26 06:56	04/29/26 19:03	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		04/29/26 06:56	04/29/26 19:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			04/29/26 06:56	04/29/26 19:03	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	480		50	mg/Kg		04/29/26 10:51	04/29/26 22:24	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-03 2.0'

Lab Sample ID: 885-48136-4

Date Collected: 04/22/26 13:40

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		04/27/26 12:44	04/28/26 15:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			04/27/26 12:44	04/28/26 15:48	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 15:48	1
Ethylbenzene	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 15:48	1
Toluene	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 15:48	1
Xylenes, Total	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 15:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130			04/27/26 12:44	04/28/26 15:48	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0	mg/Kg		04/29/26 06:56	04/29/26 19:15	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		04/29/26 06:56	04/29/26 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			04/29/26 06:56	04/29/26 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		04/29/26 10:51	04/29/26 22:35	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-04 0.0'

Lab Sample ID: 885-48136-5

Date Collected: 04/23/26 09:20

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/27/26 12:44	04/28/26 16:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			04/27/26 12:44	04/28/26 16:10	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 16:10	1
Ethylbenzene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 16:10	1
Toluene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 16:10	1
Xylenes, Total	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 16:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			04/27/26 12:44	04/28/26 16:10	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	26		9.4	mg/Kg		04/29/26 06:56	04/29/26 19:38	1
Motor Oil Range Organics [C28-C40]	63		47	mg/Kg		04/29/26 06:56	04/29/26 19:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			04/29/26 06:56	04/29/26 19:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53		51	mg/Kg		04/29/26 09:51	04/29/26 17:31	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-04 2.0'

Lab Sample ID: 885-48136-6

Date Collected: 04/23/26 09:40

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		04/27/26 12:44	04/28/26 16:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			04/27/26 12:44	04/28/26 16:32	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 16:32	1
Ethylbenzene	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 16:32	1
Toluene	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 16:32	1
Xylenes, Total	ND		0.048	mg/Kg		04/27/26 12:44	04/28/26 16:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			04/27/26 12:44	04/28/26 16:32	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8	mg/Kg		04/29/26 06:56	04/29/26 19:50	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		04/29/26 06:56	04/29/26 19:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			04/29/26 06:56	04/29/26 19:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		49	mg/Kg		04/29/26 09:51	04/29/26 14:16	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-05 0.0'

Lab Sample ID: 885-48136-7

Date Collected: 04/23/26 09:50

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		04/27/26 12:44	04/28/26 16:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130			04/27/26 12:44	04/28/26 16:54	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/27/26 12:44	04/28/26 16:54	1
Ethylbenzene	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 16:54	1
Toluene	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 16:54	1
Xylenes, Total	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 16:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			04/27/26 12:44	04/28/26 16:54	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	14		8.7	mg/Kg		04/29/26 06:56	04/29/26 20:02	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		04/29/26 06:56	04/29/26 20:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			04/29/26 06:56	04/29/26 20:02	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		51	mg/Kg		04/29/26 09:51	04/29/26 14:27	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-05 2.0'

Lab Sample ID: 885-48136-8

Date Collected: 04/23/26 10:00

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		04/27/26 12:44	04/28/26 17:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			04/27/26 12:44	04/28/26 17:37	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/27/26 12:44	04/28/26 17:37	1
Ethylbenzene	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 17:37	1
Toluene	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 17:37	1
Xylenes, Total	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 17:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			04/27/26 12:44	04/28/26 17:37	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		04/29/26 06:56	04/29/26 20:13	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		04/29/26 06:56	04/29/26 20:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			04/29/26 06:56	04/29/26 20:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		51	mg/Kg		04/29/26 09:51	04/29/26 14:38	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-06 0.0'

Lab Sample ID: 885-48136-9

Date Collected: 04/23/26 10:10

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/27/26 12:44	04/28/26 17:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			04/27/26 12:44	04/28/26 17:59	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/27/26 12:44	04/28/26 17:59	1
Ethylbenzene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 17:59	1
Toluene	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 17:59	1
Xylenes, Total	ND		0.049	mg/Kg		04/27/26 12:44	04/28/26 17:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			04/27/26 12:44	04/28/26 17:59	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		04/29/26 06:56	04/29/26 20:25	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		04/29/26 06:56	04/29/26 20:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			04/29/26 06:56	04/29/26 20:25	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52		50	mg/Kg		04/29/26 09:51	04/29/26 14:48	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-06 2.0'

Lab Sample ID: 885-48136-10

Date Collected: 04/23/26 10:20

Matrix: Solid

Date Received: 04/25/26 08:21

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		04/27/26 12:44	04/28/26 18:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			04/27/26 12:44	04/28/26 18:21	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		04/27/26 12:44	04/28/26 18:21	1
Ethylbenzene	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 18:21	1
Toluene	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 18:21	1
Xylenes, Total	ND		0.047	mg/Kg		04/27/26 12:44	04/28/26 18:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			04/27/26 12:44	04/28/26 18:21	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		04/29/26 06:56	04/29/26 20:36	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		04/29/26 06:56	04/29/26 20:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			04/29/26 06:56	04/29/26 20:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		50	mg/Kg		04/29/26 09:51	04/29/26 14:59	10

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-47532/1-A

Matrix: Solid

Analysis Batch: 47624

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47532

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		04/27/26 12:44	04/28/26 11:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			04/27/26 12:44	04/28/26 11:49	1

Lab Sample ID: LCS 885-47532/2-A

Matrix: Solid

Analysis Batch: 47624

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47532

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	26.3		mg/Kg		105	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	222		70 - 130				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-47532/1-A

Matrix: Solid

Analysis Batch: 47625

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47532

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/27/26 12:44	04/28/26 11:49	1
Ethylbenzene	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 11:49	1
Toluene	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 11:49	1
Xylenes, Total	ND		0.050	mg/Kg		04/27/26 12:44	04/28/26 11:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			04/27/26 12:44	04/28/26 11:49	1

Lab Sample ID: LCS 885-47532/3-A

Matrix: Solid

Analysis Batch: 47625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47532

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.964		mg/Kg		96	70 - 130
Ethylbenzene	1.00	0.973		mg/Kg		97	70 - 130
Toluene	1.00	0.960		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	96		70 - 130				

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-47665/1-A

Matrix: Solid

Analysis Batch: 47687

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47665

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		04/29/26 06:56	04/29/26 17:06	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		04/29/26 06:56	04/29/26 17:06	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	79		62 - 134			04/29/26 06:56	04/29/26 17:06	1

Lab Sample ID: LCS 885-47665/2-A

Matrix: Solid

Analysis Batch: 47687

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47665

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	57.8		mg/Kg		116	58 - 144
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	83		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-47690/1-A

Matrix: Solid

Analysis Batch: 47701

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47690

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.1	mg/Kg		04/29/26 09:51	04/29/26 11:33	1

Lab Sample ID: LCS 885-47690/2-A

Matrix: Solid

Analysis Batch: 47701

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47690

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.5	49.4		mg/Kg		100	90 - 110

Lab Sample ID: 885-48136-5 MS

Matrix: Solid

Analysis Batch: 47701

Client Sample ID: BS26-04 0.0'

Prep Type: Total/NA

Prep Batch: 47690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	53		50.5	100		mg/Kg		94	50 - 150

Lab Sample ID: 885-48136-5 MSD

Matrix: Solid

Analysis Batch: 47701

Client Sample ID: BS26-04 0.0'

Prep Type: Total/NA

Prep Batch: 47690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	53		50.2	98.5		mg/Kg		91	50 - 150	2	20

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QC Sample Results

Client: Vertex
Project/Site: Spunky BUK State Com @001H

Job ID: 885-48136-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-47700/1-A					Client Sample ID: Method Blank				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 47701					Prep Batch: 47700				
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		5.1	mg/Kg		04/29/26 10:51	04/29/26 12:16	1	

Lab Sample ID: LCS 885-47700/2-A					Client Sample ID: Lab Control Sample				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 47701					Prep Batch: 47700				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	49.3	48.7		mg/Kg		99	90 - 110		

QC Association Summary

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

GC VOA

Prep Batch: 47532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	5030C	
885-48136-2	BS26-02 2.0'	Total/NA	Solid	5030C	
885-48136-3	BS26-03 0.0'	Total/NA	Solid	5030C	
885-48136-4	BS26-03 2.0'	Total/NA	Solid	5030C	
885-48136-5	BS26-04 0.0'	Total/NA	Solid	5030C	
885-48136-6	BS26-04 2.0'	Total/NA	Solid	5030C	
885-48136-7	BS26-05 0.0'	Total/NA	Solid	5030C	
885-48136-8	BS26-05 2.0'	Total/NA	Solid	5030C	
885-48136-9	BS26-06 0.0'	Total/NA	Solid	5030C	
885-48136-10	BS26-06 2.0'	Total/NA	Solid	5030C	
MB 885-47532/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-47532/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-47532/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 47624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	8015M/D	47532
885-48136-2	BS26-02 2.0'	Total/NA	Solid	8015M/D	47532
885-48136-3	BS26-03 0.0'	Total/NA	Solid	8015M/D	47532
885-48136-4	BS26-03 2.0'	Total/NA	Solid	8015M/D	47532
885-48136-5	BS26-04 0.0'	Total/NA	Solid	8015M/D	47532
885-48136-6	BS26-04 2.0'	Total/NA	Solid	8015M/D	47532
885-48136-7	BS26-05 0.0'	Total/NA	Solid	8015M/D	47532
885-48136-8	BS26-05 2.0'	Total/NA	Solid	8015M/D	47532
885-48136-9	BS26-06 0.0'	Total/NA	Solid	8015M/D	47532
885-48136-10	BS26-06 2.0'	Total/NA	Solid	8015M/D	47532
MB 885-47532/1-A	Method Blank	Total/NA	Solid	8015M/D	47532
LCS 885-47532/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	47532

Analysis Batch: 47625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	8021B	47532
885-48136-2	BS26-02 2.0'	Total/NA	Solid	8021B	47532
885-48136-3	BS26-03 0.0'	Total/NA	Solid	8021B	47532
885-48136-4	BS26-03 2.0'	Total/NA	Solid	8021B	47532
885-48136-5	BS26-04 0.0'	Total/NA	Solid	8021B	47532
885-48136-6	BS26-04 2.0'	Total/NA	Solid	8021B	47532
885-48136-7	BS26-05 0.0'	Total/NA	Solid	8021B	47532
885-48136-8	BS26-05 2.0'	Total/NA	Solid	8021B	47532
885-48136-9	BS26-06 0.0'	Total/NA	Solid	8021B	47532
885-48136-10	BS26-06 2.0'	Total/NA	Solid	8021B	47532
MB 885-47532/1-A	Method Blank	Total/NA	Solid	8021B	47532
LCS 885-47532/3-A	Lab Control Sample	Total/NA	Solid	8021B	47532

GC Semi VOA

Prep Batch: 47665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	SHAKE	
885-48136-2	BS26-02 2.0'	Total/NA	Solid	SHAKE	
885-48136-3	BS26-03 0.0'	Total/NA	Solid	SHAKE	

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QC Association Summary

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

GC Semi VOA (Continued)

Prep Batch: 47665 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-4	BS26-03 2.0'	Total/NA	Solid	SHAKE	
885-48136-5	BS26-04 0.0'	Total/NA	Solid	SHAKE	
885-48136-6	BS26-04 2.0'	Total/NA	Solid	SHAKE	
885-48136-7	BS26-05 0.0'	Total/NA	Solid	SHAKE	
885-48136-8	BS26-05 2.0'	Total/NA	Solid	SHAKE	
885-48136-9	BS26-06 0.0'	Total/NA	Solid	SHAKE	
885-48136-10	BS26-06 2.0'	Total/NA	Solid	SHAKE	
MB 885-47665/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-47665/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 47687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	8015M/D	47665
885-48136-2	BS26-02 2.0'	Total/NA	Solid	8015M/D	47665
885-48136-3	BS26-03 0.0'	Total/NA	Solid	8015M/D	47665
885-48136-4	BS26-03 2.0'	Total/NA	Solid	8015M/D	47665
885-48136-5	BS26-04 0.0'	Total/NA	Solid	8015M/D	47665
885-48136-6	BS26-04 2.0'	Total/NA	Solid	8015M/D	47665
885-48136-7	BS26-05 0.0'	Total/NA	Solid	8015M/D	47665
885-48136-8	BS26-05 2.0'	Total/NA	Solid	8015M/D	47665
885-48136-9	BS26-06 0.0'	Total/NA	Solid	8015M/D	47665
885-48136-10	BS26-06 2.0'	Total/NA	Solid	8015M/D	47665
MB 885-47665/1-A	Method Blank	Total/NA	Solid	8015M/D	47665
LCS 885-47665/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	47665

HPLC/IC

Prep Batch: 47690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-5	BS26-04 0.0'	Total/NA	Solid	300_Prep	
885-48136-6	BS26-04 2.0'	Total/NA	Solid	300_Prep	
885-48136-7	BS26-05 0.0'	Total/NA	Solid	300_Prep	
885-48136-8	BS26-05 2.0'	Total/NA	Solid	300_Prep	
885-48136-9	BS26-06 0.0'	Total/NA	Solid	300_Prep	
885-48136-10	BS26-06 2.0'	Total/NA	Solid	300_Prep	
MB 885-47690/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-47690/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-48136-5 MS	BS26-04 0.0'	Total/NA	Solid	300_Prep	
885-48136-5 MSD	BS26-04 0.0'	Total/NA	Solid	300_Prep	

Prep Batch: 47700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	300_Prep	
885-48136-2	BS26-02 2.0'	Total/NA	Solid	300_Prep	
885-48136-3	BS26-03 0.0'	Total/NA	Solid	300_Prep	
885-48136-4	BS26-03 2.0'	Total/NA	Solid	300_Prep	
MB 885-47700/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-47700/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

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QC Association Summary

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

HPLC/IC

Analysis Batch: 47701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-48136-1	BS26-01 2.0'	Total/NA	Solid	300.0	47700
885-48136-2	BS26-02 2.0'	Total/NA	Solid	300.0	47700
885-48136-3	BS26-03 0.0'	Total/NA	Solid	300.0	47700
885-48136-4	BS26-03 2.0'	Total/NA	Solid	300.0	47700
885-48136-5	BS26-04 0.0'	Total/NA	Solid	300.0	47690
885-48136-6	BS26-04 2.0'	Total/NA	Solid	300.0	47690
885-48136-7	BS26-05 0.0'	Total/NA	Solid	300.0	47690
885-48136-8	BS26-05 2.0'	Total/NA	Solid	300.0	47690
885-48136-9	BS26-06 0.0'	Total/NA	Solid	300.0	47690
885-48136-10	BS26-06 2.0'	Total/NA	Solid	300.0	47690
MB 885-47690/1-A	Method Blank	Total/NA	Solid	300.0	47690
MB 885-47700/1-A	Method Blank	Total/NA	Solid	300.0	47700
LCS 885-47690/2-A	Lab Control Sample	Total/NA	Solid	300.0	47690
LCS 885-47700/2-A	Lab Control Sample	Total/NA	Solid	300.0	47700
885-48136-5 MS	BS26-04 0.0'	Total/NA	Solid	300.0	47690
885-48136-5 MSD	BS26-04 0.0'	Total/NA	Solid	300.0	47690

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-01 2.0'

Lab Sample ID: 885-48136-1

Date Collected: 04/22/26 12:25

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 14:43
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 14:43
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 18:40
Total/NA	Prep	300_Prep			47700	MS	EET ALB	04/29/26 10:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 21:41

Client Sample ID: BS26-02 2.0'

Lab Sample ID: 885-48136-2

Date Collected: 04/22/26 12:05

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 15:05
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 15:05
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 18:51
Total/NA	Prep	300_Prep			47700	MS	EET ALB	04/29/26 10:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 21:52

Client Sample ID: BS26-03 0.0'

Lab Sample ID: 885-48136-3

Date Collected: 04/22/26 13:30

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 15:27
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 15:27
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 19:03
Total/NA	Prep	300_Prep			47700	MS	EET ALB	04/29/26 10:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 22:24

Client Sample ID: BS26-03 2.0'

Lab Sample ID: 885-48136-4

Date Collected: 04/22/26 13:40

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 15:48

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Lab Chronicle

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-03 2.0'

Lab Sample ID: 885-48136-4

Date Collected: 04/22/26 13:40

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 15:48
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 19:15
Total/NA	Prep	300_Prep			47700	MS	EET ALB	04/29/26 10:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 22:35

Client Sample ID: BS26-04 0.0'

Lab Sample ID: 885-48136-5

Date Collected: 04/23/26 09:20

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 16:10
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 16:10
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 19:38
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 17:31

Client Sample ID: BS26-04 2.0'

Lab Sample ID: 885-48136-6

Date Collected: 04/23/26 09:40

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 16:32
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 16:32
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 19:50
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 14:16

Client Sample ID: BS26-05 0.0'

Lab Sample ID: 885-48136-7

Date Collected: 04/23/26 09:50

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 16:54
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 16:54

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-48136-1

Project/Site: Spunky BUK State Com @001H

Client Sample ID: BS26-05 0.0'

Lab Sample ID: 885-48136-7

Date Collected: 04/23/26 09:50

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 20:02
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 14:27

Client Sample ID: BS26-05 2.0'

Lab Sample ID: 885-48136-8

Date Collected: 04/23/26 10:00

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 17:37
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 17:37
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 20:13
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 14:38

Client Sample ID: BS26-06 0.0'

Lab Sample ID: 885-48136-9

Date Collected: 04/23/26 10:10

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 17:59
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 17:59
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 20:25
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 14:48

Client Sample ID: BS26-06 2.0'

Lab Sample ID: 885-48136-10

Date Collected: 04/23/26 10:20

Matrix: Solid

Date Received: 04/25/26 08:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8015M/D		1	47624	AT	EET ALB	04/28/26 18:21
Total/NA	Prep	5030C			47532	VP	EET ALB	04/27/26 12:44
Total/NA	Analysis	8021B		1	47625	AT	EET ALB	04/28/26 18:21
Total/NA	Prep	SHAKE			47665	JM	EET ALB	04/29/26 06:56
Total/NA	Analysis	8015M/D		1	47687	EM	EET ALB	04/29/26 20:36

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Spunky BUK State Com @001H

Job ID: 885-48136-1

Client Sample ID: BS26-06 2.0'
Date Collected: 04/23/26 10:20
Date Received: 04/25/26 08:21

Lab Sample ID: 885-48136-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			47690	MS	EET ALB	04/29/26 09:51
Total/NA	Analysis	300.0		10	47701	MA	EET ALB	04/29/26 14:59

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

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Accreditation/Certification Summary

Client: Vertex
Project/Site: Spunky BUK State Com @001H

Job ID: 885-48136-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-27

- 1
- 2
- 3
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- 10
- 11

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-48136-1

Login Number: 48136

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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

July 09, 2026

CHANCE DIXON

VERTEX RESOURCE GROUP

420 SOUTH MAIN, SUITE 202

TULSA, OK 74103

RE: SPUNKY BUK STATE COM #001H

Enclosed are the results of analyses for samples received by the laboratory on 07/08/26 14:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	07/08/2026	Sampling Date:	07/08/2026
Reported:	07/09/2026	Sampling Type:	Soil
Project Name:	SPUNKY BUK STATE COM #001H	Sampling Condition:	** (See Notes)
Project Number:	26A-02596	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS26-01 2.25' (H263834-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/08/2026	ND	2.14	107	2.00	0.140	
Toluene*	<0.050	0.050	07/08/2026	ND	2.07	104	2.00	0.644	
Ethylbenzene*	<0.050	0.050	07/08/2026	ND	2.05	103	2.00	2.49	
Total Xylenes*	<0.150	0.150	07/08/2026	ND	5.92	98.7	6.00	0.887	
Total BTEX	<0.300	0.300	07/08/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/09/2026	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2026	ND	189	94.7	200	0.350	
DRO >C10-C28*	<10.0	10.0	07/08/2026	ND	193	96.4	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	07/08/2026	ND					

Surrogate: 1-Chlorooctane 72.5 % 47.1-117

Surrogate: 1-Chlorooctadecane 68.4 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	07/08/2026	Sampling Date:	07/08/2026
Reported:	07/09/2026	Sampling Type:	Soil
Project Name:	SPUNKY BUK STATE COM #001H	Sampling Condition:	** (See Notes)
Project Number:	26A-02596	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS26-02 2.25' (H263834-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/08/2026	ND	2.14	107	2.00	0.140		
Toluene*	<0.050	0.050	07/08/2026	ND	2.07	104	2.00	0.644		
Ethylbenzene*	<0.050	0.050	07/08/2026	ND	2.05	103	2.00	2.49		
Total Xylenes*	<0.150	0.150	07/08/2026	ND	5.92	98.7	6.00	0.887		
Total BTEX	<0.300	0.300	07/08/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/09/2026	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2026	ND	189	94.7	200	0.350	
DRO >C10-C28*	<10.0	10.0	07/08/2026	ND	193	96.4	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	07/08/2026	ND					

Surrogate: 1-Chlorooctane 70.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 66.6 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	07/08/2026	Sampling Date:	07/08/2026
Reported:	07/09/2026	Sampling Type:	Soil
Project Name:	SPUNKY BUK STATE COM #001H	Sampling Condition:	** (See Notes)
Project Number:	26A-02596	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS26-03 2.25' (H263834-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/08/2026	ND	2.14	107	2.00	0.140		
Toluene*	<0.050	0.050	07/08/2026	ND	2.07	104	2.00	0.644		
Ethylbenzene*	<0.050	0.050	07/08/2026	ND	2.05	103	2.00	2.49		
Total Xylenes*	<0.150	0.150	07/08/2026	ND	5.92	98.7	6.00	0.887		
Total BTEX	<0.300	0.300	07/08/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	07/09/2026	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2026	ND	189	94.7	200	0.350	
DRO >C10-C28*	<10.0	10.0	07/09/2026	ND	193	96.4	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	07/09/2026	ND					

Surrogate: 1-Chlorooctane 68.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 64.3 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	07/08/2026	Sampling Date:	07/08/2026
Reported:	07/09/2026	Sampling Type:	Soil
Project Name:	SPUNKY BUK STATE COM #001H	Sampling Condition:	** (See Notes)
Project Number:	26A-02596	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: WS26-01 0- 2.25' (H263834-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/08/2026	ND	2.14	107	2.00	0.140		
Toluene*	<0.050	0.050	07/08/2026	ND	2.07	104	2.00	0.644		
Ethylbenzene*	<0.050	0.050	07/08/2026	ND	2.05	103	2.00	2.49		
Total Xylenes*	<0.150	0.150	07/08/2026	ND	5.92	98.7	6.00	0.887		
Total BTEX	<0.300	0.300	07/08/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/09/2026	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2026	ND	189	94.7	200	0.350	
DRO >C10-C28*	<10.0	10.0	07/09/2026	ND	193	96.4	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	07/09/2026	ND					

Surrogate: 1-Chlorooctane 67.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 63.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	07/08/2026	Sampling Date:	07/08/2026
Reported:	07/09/2026	Sampling Type:	Soil
Project Name:	SPUNKY BUK STATE COM #001H	Sampling Condition:	** (See Notes)
Project Number:	26A-02596	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: WS26-02 0-2.25' (H263834-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/08/2026	ND	2.14	107	2.00	0.140		
Toluene*	<0.050	0.050	07/08/2026	ND	2.07	104	2.00	0.644		
Ethylbenzene*	<0.050	0.050	07/08/2026	ND	2.05	103	2.00	2.49		
Total Xylenes*	<0.150	0.150	07/08/2026	ND	5.92	98.7	6.00	0.887		
Total BTEX	<0.300	0.300	07/08/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/09/2026	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2026	ND	189	94.7	200	0.350	
DRO >C10-C28*	<10.0	10.0	07/09/2026	ND	193	96.4	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	07/09/2026	ND					

Surrogate: 1-Chlorooctane 66.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 62.9 % 37.2-119

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in cursive script, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

November 18, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PADRON AST

Enclosed are the results of analyses for samples received by the laboratory on 11/17/25 12:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 11/17/2025
 Reported: 11/18/2025
 Project Name: PADRON AST
 Project Number: 25A-03091
 Project Location: EOG - EDDY CO., NM

Sampling Date: 11/14/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BACKFILL - 01 0.0' (H257216-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	173	86.7	200	0.567	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	176	88.1	200	0.387	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane 74.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 11/17/2025
 Reported: 11/18/2025
 Project Name: PADRON AST
 Project Number: 25A-03091
 Project Location: EOG - EDDY CO., NM

Sampling Date: 11/14/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BACKFILL - 02 0.0' (H257216-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2025	ND	2.09	105	2.00	3.96		
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92		
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75		
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61		
Total BTX	<0.300	0.300	11/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	173	86.7	200	0.567	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	176	88.1	200	0.387	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



Company: Vertex Resource Services (Direct Bill to EOG Resources Inc)

[illegible]



APPENDIX F

NMOCD Correspondence



Outlook

RE: [EXTERNAL] (Extension Request) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

From Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Date Tue 6/30/2026 11:42 AM

To Hadlie Stout <Hadlie_Stout@eogresources.com>

Cc Chase Settle <Chase_Settle@eogresources.com>; Chance Dixon <cdixon@vertexresource.com>

**CAUTION - External Sender**

This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Hadlie,

A 90-day extension is approved for nAPP2609728018 Spunky BUK State Com 1H. A complete and accurate report is due to the OCD no later than October 1, 2026. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505
(505)469-7520
Shelly.Wells@emnrd.nm.gov

From: Hadlie Stout <Hadlie_Stout@eogresources.com>

Sent: Tuesday, June 30, 2026 7:28 AM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Chase Settle <Chase_Settle@eogresources.com>; Chance Dixon <cdixon@vertexresource.com>

Subject: [EXTERNAL] (Extension Request) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

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

Good morning Shelly,

EOG Resources, Inc (EOG) is requesting an extension request for submitting a closure report required in 19.15.29.12.B.(1) NMAC for the Spunky BUK State Com 1H (Incident Number nAPP2609728018). On April 4, 2026, a production tank over ran due to the equalizing line being

closed, resulting in the release of approximately 8 bbls of crude oil out of the thief hatch and into the lined secondary containment. A vacuum truck was dispatched to the Site to recover free-standing fluids; approximately all 8 bbls of crude oil were recovered. The lined containment was power washed to remove any residual dirt and debris. On April 14, 2026, a liner inspection was completed, and the liner was determined to be insufficient. Based on liner delineation activities, excavation activities were warranted within the containment. In order for operations to reroute utilities within our proposed work area, complete excavation and confirmation sampling activities, and submit a closure report, EOG requests a 90-day extension of the current deadline of July 3, 2026 until October 1, 2026.

Please reach out if you have any questions or would like to discuss further.

Thank you,

Hadlie Stout

Environmental Representative II

Midland, TX

346-324-7612





APPENDIX G

SLO Correspondence



(Liner Integrity Inspection Activities) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

From Hadlie Stout <Hadlie_Stout@eogresources.com>

Date Wed 4/8/2026 12:34 PM

To eco@slo.state.nm.us <eco@slo.state.nm.us>

Cc Chase Settle <Chase_Settle@eogresources.com>; Bill Smith <Bill_Smith@eogresources.com>; Todd Wells <Todd_Wells@eogresources.com>

Good afternoon,

This is a notification that EOG Resources will be conducting liner integrity inspection activities at the below site on Tuesday, April 14, 2026.

Spunky BUK State Com 1H
32.07849, -104.27067
Incident Number nAPP2609728018
Inspection Date: 04/14/2026
Inspection Time: 0900 MT

Thank you,

Hadlie Stout
Environmental Representative II
Midland, TX
346-324-7612





Outlook

(Sampling Notification) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

From Hadlie Stout <Hadlie_Stout@eogresources.com>

Date Mon 4/20/2026 12:11 PM

To eco@slo.state.nm.us <eco@slo.state.nm.us>

Cc Chase Settle <Chase_Settle@eogresources.com>; Chance Dixon <cdixon@vertexresource.com>

Good afternoon,

This is a notification that Vertex Resources, on behalf of EOG Resources, will be conducting sampling activities at the below Site between Wednesday, April 22, 2026, and Thursday, April 23, 2026.

Spunky BUK State Com 1H
32.07849, -104.27067
Incident Number nAPP2609728018
Sampling Dates: 4/22-23/2026

Thank you,

Hadlie Stout
Environmental Representative II
Midland, TX
346-324-7612





(Sampling Notification) EOG Resources - Spunky BUK State Com 1H (Incident Number nAPP2609728018) - 4/4/2026

From Hadlie Stout <Hadlie_Stout@eogresources.com>

Date Thu 7/2/2026 10:21 AM

To eco@slo.state.nm.us <eco@slo.state.nm.us>

Cc Chase Settle <Chase_Settle@eogresources.com>; Chance Dixon <cdixon@vertexresource.com>

Good morning,

This is a notification that Vertex, on behalf of EOG Resources, will be conducting sampling activities at the below Site on Wednesday, July 8, 2026.

Spunky BUK State Com 1H
32.07849, -104.27067
Incident Number nAPP2609728018
Sampling Date: 7/08/2026
Start Time: 0830 MT

Thank you,

Hadlie Stout
Environmental Representative II
Midland, TX
346-324-7612



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 625365

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 625365
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2609728018
Incident Name	NAPP2609728018 SPUNKY BUK STATE COM 1H @ 30-015-42624
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-42624] SPUNKY BUK STATE COM #001H

Location of Release Source*Please answer all the questions in this group.*

Site Name	SPUNKY BUK STATE COM 1H
Date Release Discovered	04/04/2026
Surface Owner	State

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: Human Error Other (Specify) Crude Oil Released: 8 BBL Recovered: 8 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Production oil tank over ran due to the equalizing line being closed, releasing 8 bbls of crude oil out of thief hatch inside containment. All 8 bbls were recovered.

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Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 2

Action 625365

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 625365
	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	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Tracy Hillard Title: Consultant - Enviromental Email: tracy_hillard@eogresources.com Date: 09/16/2026
--	--

Sante Fe Main Office
Phone: (505) 476-3441

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QUESTIONS, Page 3

Action 625365

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 625365
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (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 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
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	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>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.</i>	
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)	480
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	14
GRO+DRO (EPA SW-846 Method 8015M)	14
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>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>	
On what estimated date will the remediation commence	04/22/2026
On what date will (or did) the final sampling or liner inspection occur	08/21/2026
On what date will (or was) the remediation complete(d)	08/21/2026
What is the estimated surface area (in square feet) that will be reclaimed	700
What is the estimated volume (in cubic yards) that will be reclaimed	60
What is the estimated surface area (in square feet) that will be remediated	700
What is the estimated volume (in cubic yards) that will be remediated	60
<i>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.</i>	
<i>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.</i>	

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QUESTIONS, Page 4

Action 625365

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 625365
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	fJEG1635837366 OWL LANDFILL JAL
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.
<i>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>	
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: Tracy Hillard Title: Consultant - Enviromental Email: tracy_hillard@eogresources.com Date: 09/16/2026
<i>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.</i>	

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Phone: (505) 476-3441

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State of New Mexico
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Santa Fe, NM 87505

QUESTIONS, Page 5

Action 625365

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 625365
	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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 6

Action 625365

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 625365
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	615289
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/21/2026
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	700
What was the total volume (cubic yards) remediated	60
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	700
What was the total volume (in cubic yards) reclaimed	60
Summarize any additional remediation activities not included by answers (above)	Excavation of impacted soil has mitigated impacts at this Site. EOG believes these remedial actions are protective of human health, the environment, and groundwater. As such, EOG respectfully requests closure for Incident Number nAPP2609728018.
<i>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>	
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: Tracy Hillard Title: Consultant - Enviromental Email: tracy_hillard@eogresources.com Date: 09/16/2026

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

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Action 625365

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
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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 625365

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 625365
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/17/2026