

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of spill: Poseidon LGL Station

Date of Spill: 1/19/2025

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box,
flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here: ☒

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0000 BBL WATER: 0.0000 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations					Standing Liquid Calculations				
Total Surface Area	width	length	wet soil depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%)
Rectangle Area #1	41 ft X	252 ft X	12.00 in	0%	Rectangle Area #1	10 ft X	20 ft X	1 in	0%
Rectangle Area #2	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #2	0 ft X	0 ft X	0 in	0%
Rectangle Area #3	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #3	0 ft X	0 ft X	0 in	0%
Rectangle Area #4	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #4	0 ft X	0 ft X	0 in	0%
Rectangle Area #5	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #5	0 ft X	0 ft X	0 in	0%
Rectangle Area #6	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #6	0 ft X	0 ft X	0 in	0%
Rectangle Area #7	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #7	0 ft X	0 ft X	0 in	0%
Rectangle Area #8	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #8	0 ft X	0 ft X	0 in	0%

okay

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil BBL Water 0 BBL

Did leak occur before the separator?: ☐ YES ☒ N/A (place an "X")

Amount of Free Liquid Recovered: 3 BBL okay

Percentage of Oil in Free Liquid Recovered: 0% (percentage)

Liquid holding factor *: 0.08 gal per gal

Use the following when the spill wets the grains of the soil:

* sand = .08 gallon liquid per gallon volume of soil.

* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.

* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.

* clay loam = .16 gallon liquid per gallon volume of soil.

Use the following when the liquid completely fills the pore space of the soil:

Occurs when the spill soaked soil is contained by barriers, natural (or not).

* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.

* sandy loam = .5 gallon liquid per gallon volume of soil.

Saturated Soil Volume Calculations:

Total Solid/Liquid Volume: 10,332 sq. ft. H2O 10,332 cu. ft. OIL cu. ft.

Estimated Volumes Spilled

Liquid in Soil: 147.2 BBL H2O 0.0 BBL OIL
Free Liquid: 3.0 BBL H2O 0.0 BBL OIL
Totals: 150.175 BBL H2O 0.000 BBL OIL

Total Liquid Spill Liquid: 150.175 BBL 0.000 BBL

Recovered Volumes

Estimated oil recovered: 0.0 BBL check - okay
Estimated water recovered: 3.0 BBL check - okay

Free Liquid Volume Calculations:

Total Free Liquid Volume: 200 sq. ft. H2O 16.667 cu. ft. OIL .000 cu. ft.

Estimated Production Volumes Lost

Estimated Production Spilled: 0.000000 BBL H2O 0.000000 BBL OIL

Estimated Surface Damage

Surface Area: 10,332 sq. ft.

Surface Area: .2372 acre

Estimated Weights, and Volumes

Saturated Soil = 1,157,184 lbs 10,332 cu. ft. 383 cu. yds.
Total Liquid = 150 BBL 6,307.34 gallon 52,477 lbs



**SITE CHARACTERIZATION, ASSESSMENT,
AND PROPOSED REMEDIATION PLAN**

**POSEIDON LGL STATION
32.255874, -103.670635
UNIT N, SECTION 34 T23S-R32E
LEA COUNTY, NEW MEXICO**

PREPARED FOR:

**EOG RESOURCES, INC.
5509 CHAMPIONS DR.
MIDLAND, TEXAS 79706**

PREPARED BY:

**RANGER ENVIRONMENTAL SERVICES, LLC
P.O. BOX 201179
AUSTIN, TEXAS 78720**

MAY 21, 2025


**Mr. William Kierdorf, REM
Project Manager**



**Mr. Max Cook, CAPM
Senior Project Manage**

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- Proposed Excavation Area Map

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- Site Assessment Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (SM 4500) Analytical Data

ATTACHMENTS

- Attachment 1 – Depth-to-Groundwater Data
- Attachment 2 – Photographic Documentation
- Attachment 3 – Laboratory Analytical Reports



SITE CHARACTERIZATION, ASSESSMENT, AND PROPOSED REMEDIATION PLAN

**POSEIDON LGL STATION
32.255874, -103.670635
LEA COUNTY, NEW MEXICO**

1.0 SITE LOCATION AND BACKGROUND

On January 19, 2025 a release from a diesel pump occurred due to the failure of a seal on the pump. The release occurred in a pipeline right-of-way located south of the Poseidon LGL Station operated by EOG Resources, Inc. (EOG). The pump release (Site) is located on federal land, approximately 23.75 miles east of Malaga, New Mexico in Unit N, Section 34, T23S-R32E at approximate GPS coordinates 32.255874, -103.670635.

Based on the observed impacts associated with the release, field personnel reported an estimated release volume of four barrels (bbls) of produced water. Upon discovery, immediate action was taken to stop the release of fluids, a vacuum truck was dispatched to the location and approximately three bbls of released fluids were collected. The release impacted a pipeline right-of-way containing several underground utilities.

EOG has engaged Ranger Environmental Services, LLC (Ranger) to assist in the assessment and remediation efforts at the Site. On February 5 and 18, 2025, representatives of Ranger conducted assessment activities to determine the extent and depth of impacts associated with the release incident. Additional review of the volume of released fluids was completed by EOG personnel and the release volume was determined to be approximately 150 bbls of produced water.

The following report has been prepared to provide details of the site characterization, assessment activities, and a proposed remediation plan to address the impacts from the release.

A *Topographic Map* and *Area Map* noting the location of the subject Site and surrounding areas, and Site maps illustrating the Site features, sampling locations, and proposed remediation areas are provided in the Figures section.

2.0 SITE CHARACTERIZATION

2.1 Depth-to-Groundwater

Ranger personnel reviewed data available from the U.S. Geological Survey (USGS) and the New Mexico Office of the State Engineer (NMOSE) to determine the depth-to-groundwater in the vicinity of the Site. Based upon the USGS and NMOSE information available, no water wells are located within a half-mile of the Site. However, a former well located just outside the half-mile radius is noted to have depth-to-groundwater information within the NMOCD desired 25-year time frame. The well (NMOSE Well ID # C 04780 POD 1) is located approximately 0.57 miles north of the impact area. The well was drilled in October 2023 to a depth of 80 feet below ground surface (bgs), and groundwater was not encountered or documented. Additional information for wells located outside the NMOCD desired half-mile radius contain depth-to-groundwater measurements in excess of 100 feet bgs.

Based on the available information for the area, depth-to-groundwater appears to be greater than 100 feet.

A copy of the reviewed depth-to-groundwater information is provided in *Attachment 1*.

2.2 Wellhead Protection Area

As described above, the USGS and NMOSE well records indicate that no water sources are located within a half-mile of the Site. Upon review of the National Wetland Inventory, the impact area does not lie within 300 feet of a mapped feature.

The Site is situated within a Federal Emergency Management Act (FEMA) designated *Flood Zone D* area, characterized as "Areas in which flood hazards are undetermined, but possible."

The Site area is located within an area of "Low Karst" probability.

2.3 Distance to Nearest Significance Watercourse

Based upon available online resources, no significant water courses are located within a half-mile of the site.

2.4 Proposed Site Closure Criteria

Based upon the Site characterization details and per NMAC 19.15.29.12, the Site is proposed to be remediated to 19.15.29.12 NMAC Table 1 (groundwater >100 feet) criteria (Table 1 Criteria). It is recognized that the available depth-to-groundwater data does not meet the NMOCD desired criteria; however, the available information for the area strongly indicates that groundwater depths are greater than 100 feet bgs. Therefore, EOG respectfully requests a variance to utilize the proposed criteria. The remediation activities will also be conducted to bring the surface to four-foot soil horizon into compliance with the Restoration, Reclamation and Re-Vegetation Criteria (Restoration Criteria) detailed in NMAC 19.15.29.13. The regulatory criteria are summarized below:

Site Characterization, Assessment, and Proposed Remediation Plan
Poseidon LGL Station
EOG Resources, Inc.

Proposed Site Closure Criteria

REGULATORY STANDARD	CHLORIDE	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	BTEX	BENZENE
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')	20,000	2,500	1,000	50	10
19.15.29.13 NMAC Restoration, Reclamation and Re-Vegetation (Soils 0'-4')	600	100*	---	50*	10*

All Values Presented in Parts Per Million (mg/Kg)

* Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of Digital C-141 and the release rule (19.15.29 NMAC) dated December 1, 2023.

3.0 SITE ASSESSMENT

3.1 Horizontal & Vertical Delineation

To determine the horizontal and vertical extent of impacts associated with the incident, representatives of Ranger mobilized to the Site on February 5, 2025 and February 18, 2025 to complete assessment activities. The assessment process included the installation of 21 hand auger soil borings located in and surrounding the boundaries of the observed impact area. Based on the surficial nature of the release, the hand auger soil borings were completed to a maximum depth of approximately four feet bgs.

During the hand auger installation process, Ranger personnel collected soil samples at the surface and approximate one-foot intervals thereafter to the borings terminal depths for field screening purposes. The field screening of the encountered soils was conducted utilizing an organic vapor monitor (OVM) and field chloride titration kit. Field readings collected by Ranger during the assessment process indicated that elevated soil chloride concentrations were present within the impacted area. No elevated field OVM readings, hydrocarbon odors, or other indications of hydrocarbon contamination were observed during the boring installation process.

To confirm the horizontal and vertical extent of the soil impacts, soil samples were collected for laboratory analysis at each boring location exhibiting the highest level of impact, based on field readings, and from the terminal depth of each boring. The soil samples were subsequently submitted to Cardinal Laboratories in Hobbs, New Mexico, for analysis of total petroleum hydrocarbons (TPH) using Environmental Protection Agency (EPA) Method 8015; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8021; and total chloride using Method SM 4500.

3.2 Assessment Sample Laboratory Results

Upon review of the laboratory analytical results, the samples collected during the assessment process were successful in delineating the extent of soil impacts to boundaries anticipated to be within the proposed Table 1 Criteria and Reclamation Criteria. The results of the investigation document that 11 soil samples exceeded the NMOCD limitation for chloride for soils shallower

Site Characterization, Assessment, and Proposed Remediation Plan
Poseidon LGL Station
EOG Resources, Inc.

than four feet. All samples collected at four feet or below met the proposed NMOCD limitations for all chemicals of concern (COC). No other COCs were exceeded.

An *Assessment Sample Location Map* depicting the observed impact area and sample locations is provided in the Figures section. A table summarizing the laboratory analytical results of samples collected during the assessment process is provided in the Tables section. Copies of the laboratory analytical reports and chain-of-custody documentation are included in *Attachment 3*.

4.0 PROPOSED REMEDIATION AND CONFIRMATION SOIL SAMPLING

Ranger recommends soil removal operations to address the elevated chloride concentrations in the soil. Due the presence of multiple underground lines in the impacted area, line spotting via hydrovac soil removal will be necessary for safety purposes within the proposed remediation area. Once all underground lines are identified, excavation activities utilizing earth moving equipment will be completed approximately two feet from the subject utility or a distance as dictated by the lines operator. The remaining material along the lines will be removed by hand excavation. According to available data, the lines are located approximately four feet bgs. Based on the preliminary assessment activities performed by Ranger in February 2025, the estimated size of the excavation area will be approximately 180 feet by 100 feet. The proposed soil removal operations will be completed to a depth of approximately four feet bgs to bring the site into compliance with the proposed site Table 1 Criteria.

During the proposed soil removal operations Ranger representatives will conduct field screening activities to assist in identifying the appropriate impact boundaries within the excavation. Cleanup confirmation soil samples will then be collected from the base of the excavation and side wall areas. The samples will be collected in accordance with NMAC 19.15.29.12(D), as five-part composite soil samples with each sample representing no more than 200 square feet of material. The sample parts will be collected from various locations and depths along the side walls and base of the excavation. Upon collection, the composite sample parts will be placed into a new Ziploc® bag, thoroughly mixed, and a sample for laboratory analysis will be collected from the mixture.

The excavation side wall sample results will be compared to the 600 mg/Kg soil chloride Restoration Criteria. The samples collected from excavation base will be compared to the proposed Table 1 Criteria. In the event that a sample analytical result is found to exceed the proposed regulatory criteria, then additional soil removal operations will be completed and additional cleanup confirmation soil samples will be collected in accordance with NMAC 19.15.29.12(D).

5.0 SITE CLOSURE

Upon completion of the remedial and backfilling activities at the Site, a C-141 Closure Report will be submitted to the NMOCD, and site closure will be requested. The Closure Report will be completed in accordance with the reporting criteria detailed in NMAC 19.15.29.12(E). The Site will then be backfilled and graded in accordance with NMAC 19.15.29.13.

FIGURES

Topographic Map

Area Map

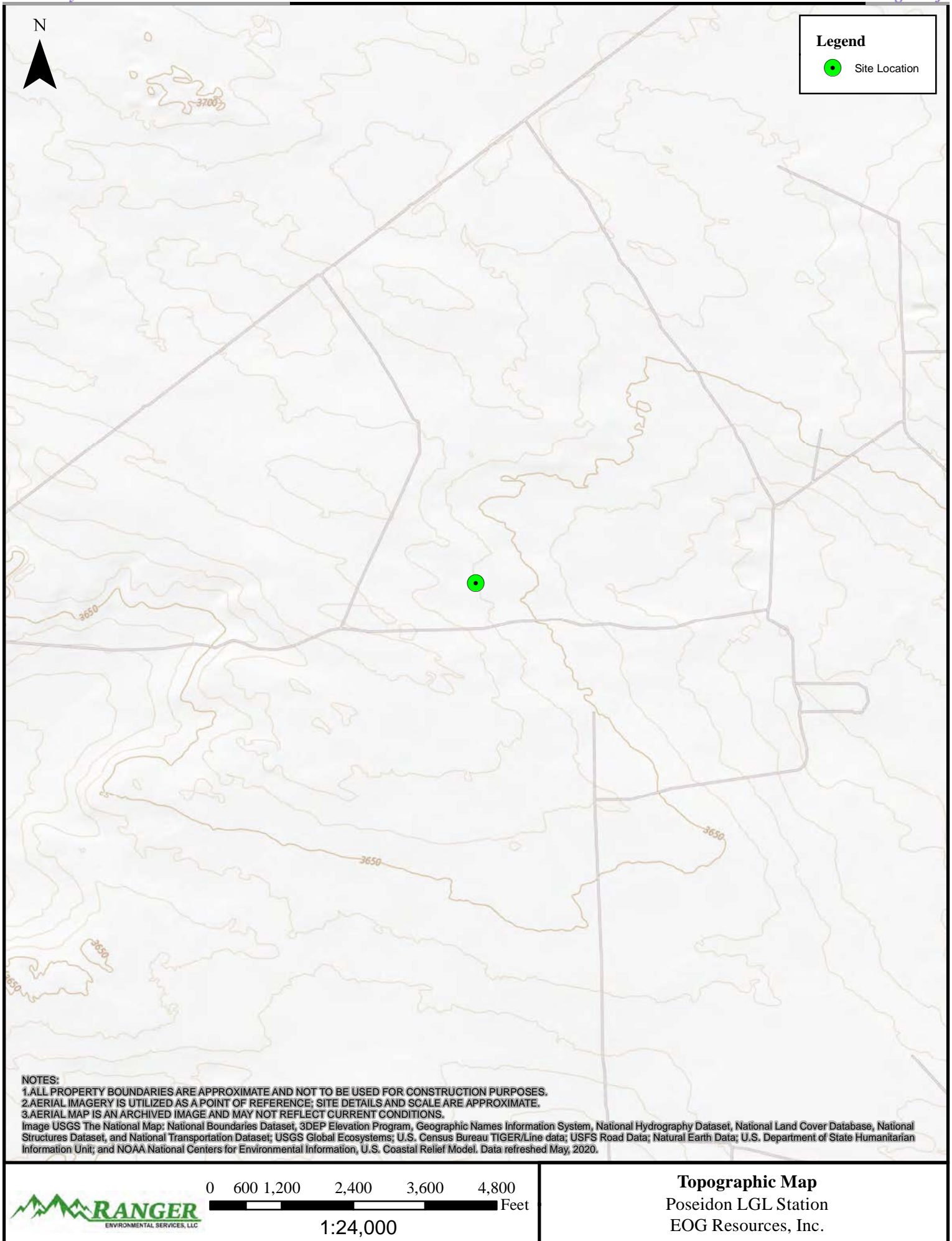
Depth-to-Groundwater Information Location Map

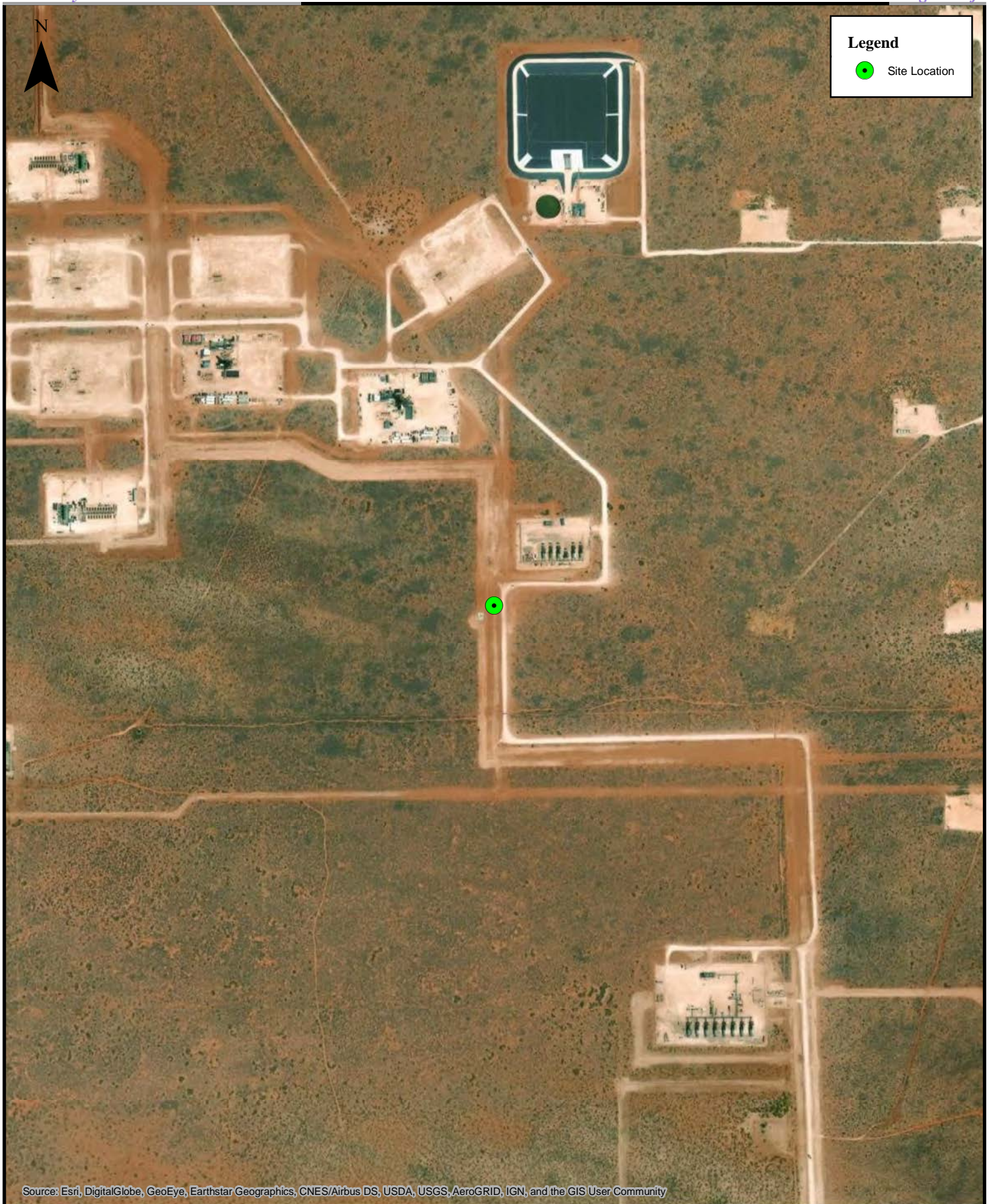
National Wetland Inventory Map


Karst Topography Map

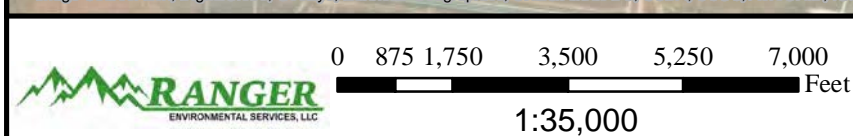
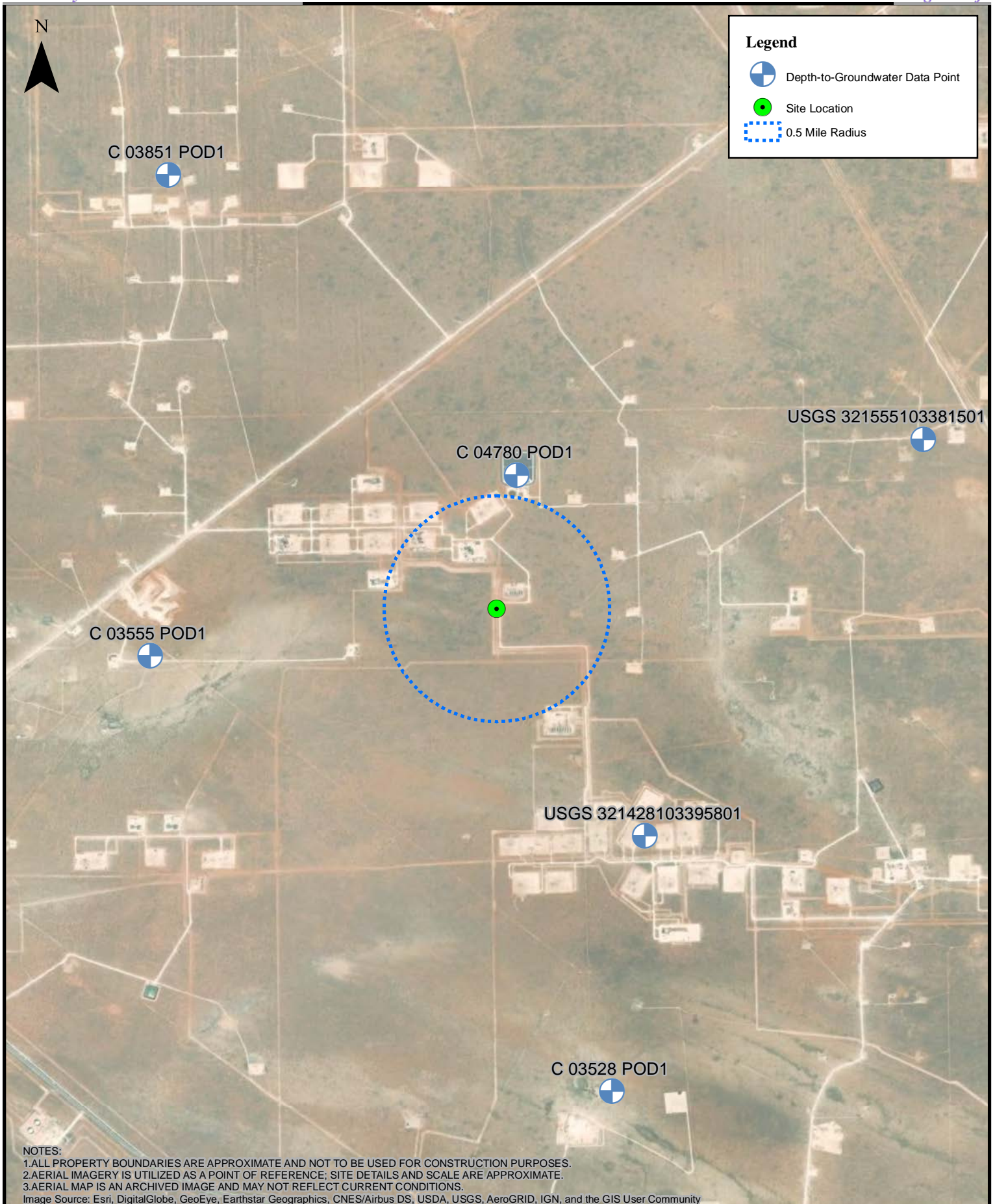
Assessment Sample Location Map

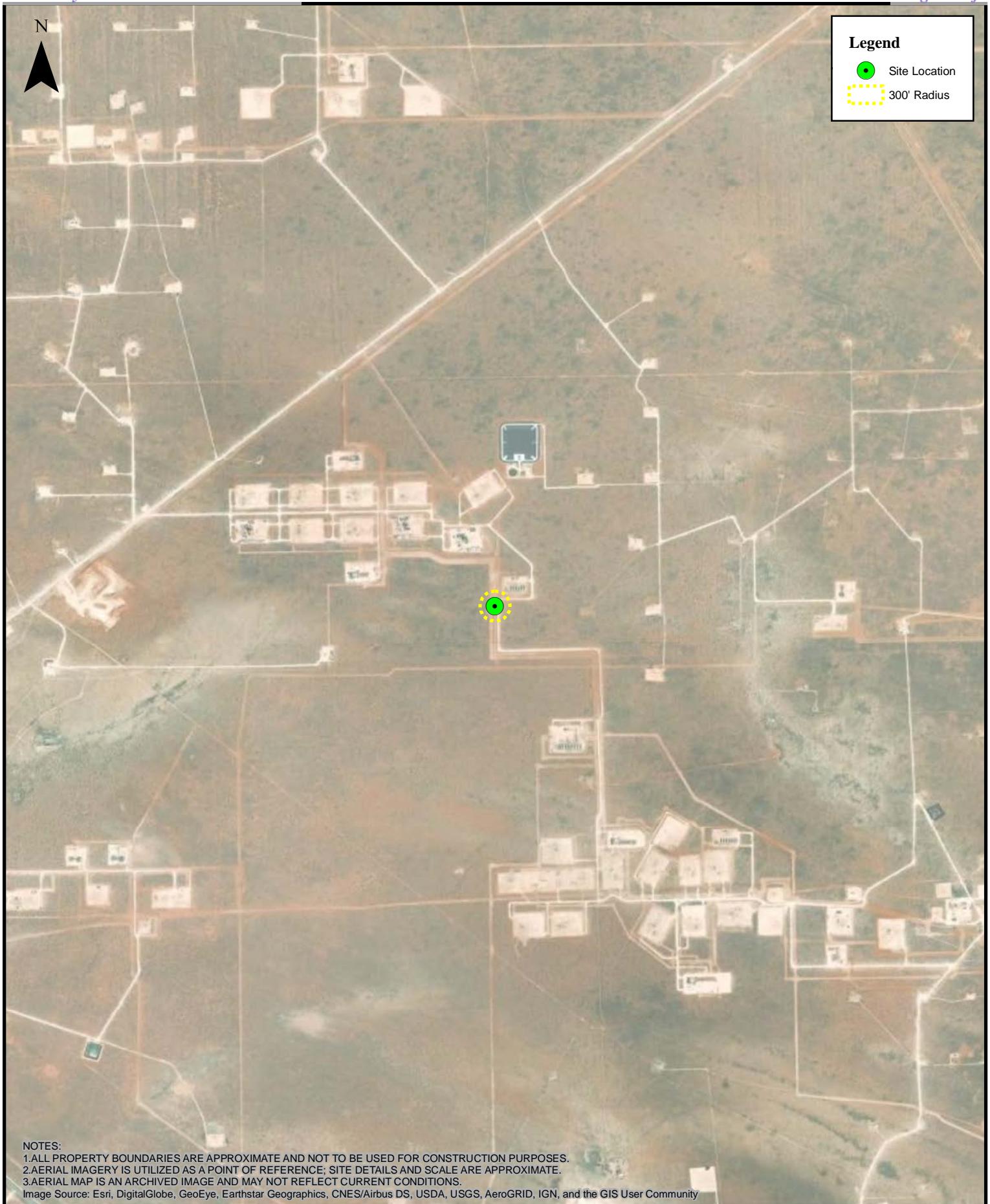
Proposed Excavation Area Map





 <p>0 250 500 1,000 1,500 2,000 Feet</p> <p>1:10,000</p>	<p>Area Map</p> <p>Poseidon LGL Station</p> <p>EOG Resources, Inc.</p>
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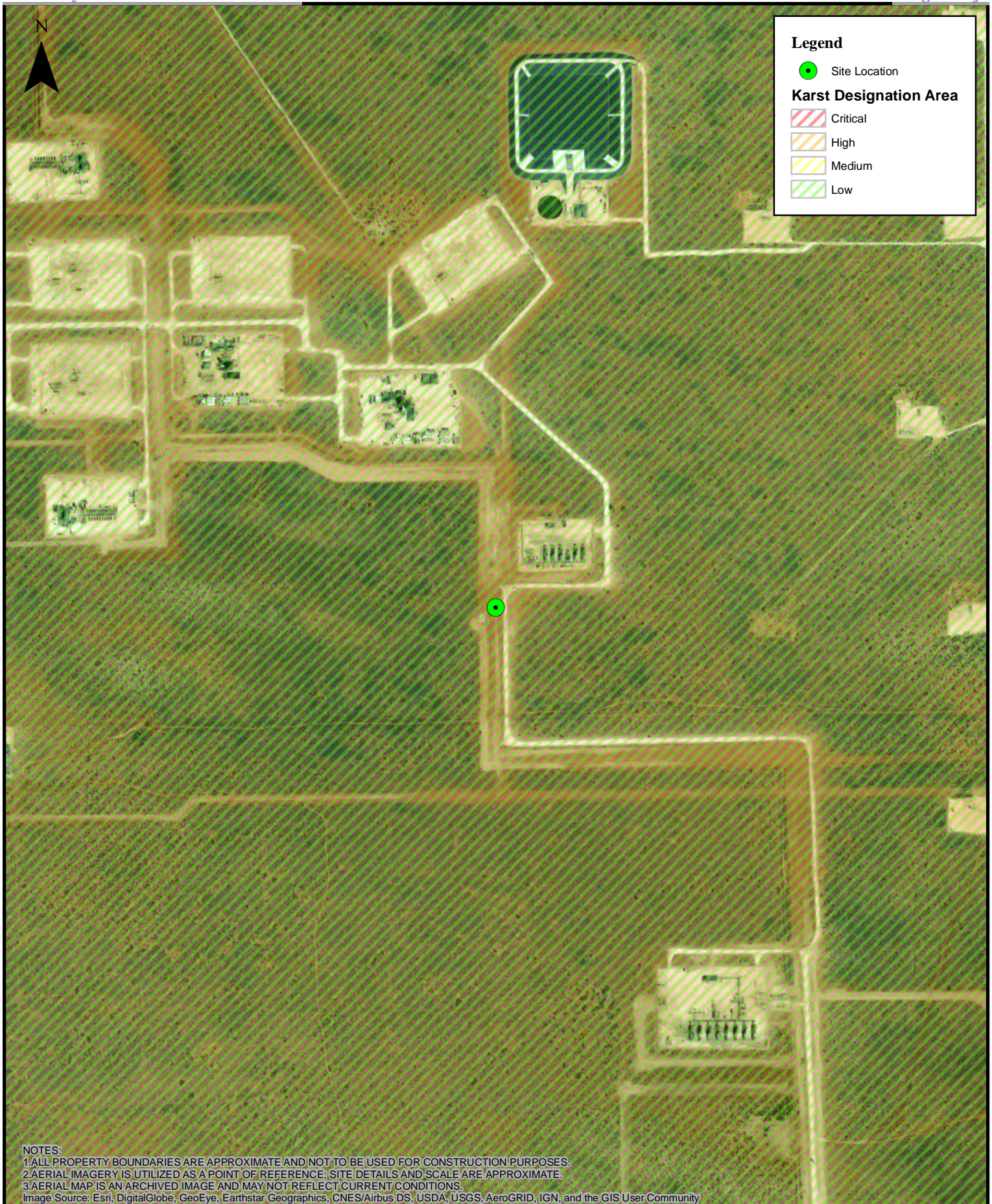


0 750 1,500 3,000 4,500 6,000 Feet

1:30,000

National Wetland Inventory Map

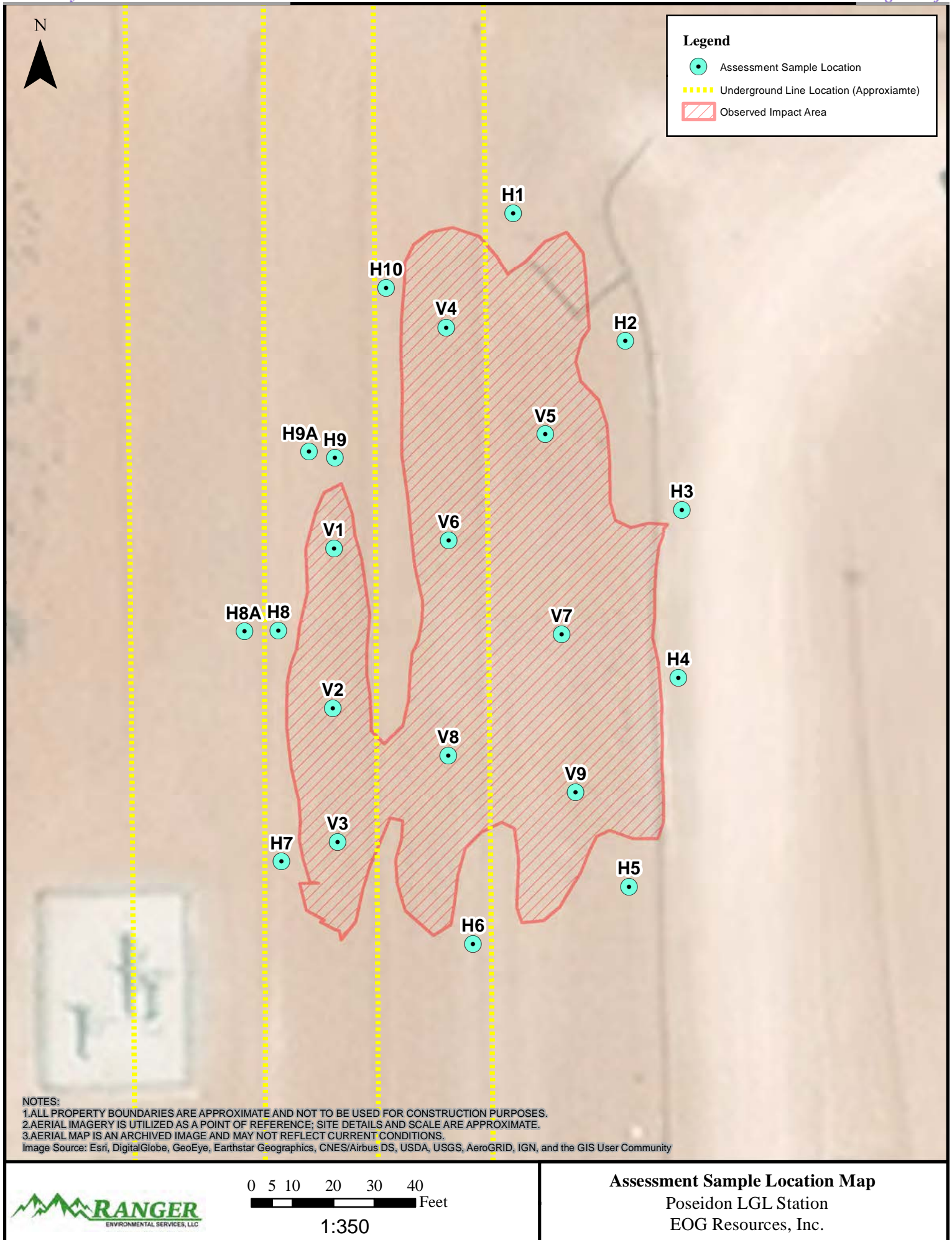
Poseidon LGL Station
EOG Resources, Inc.

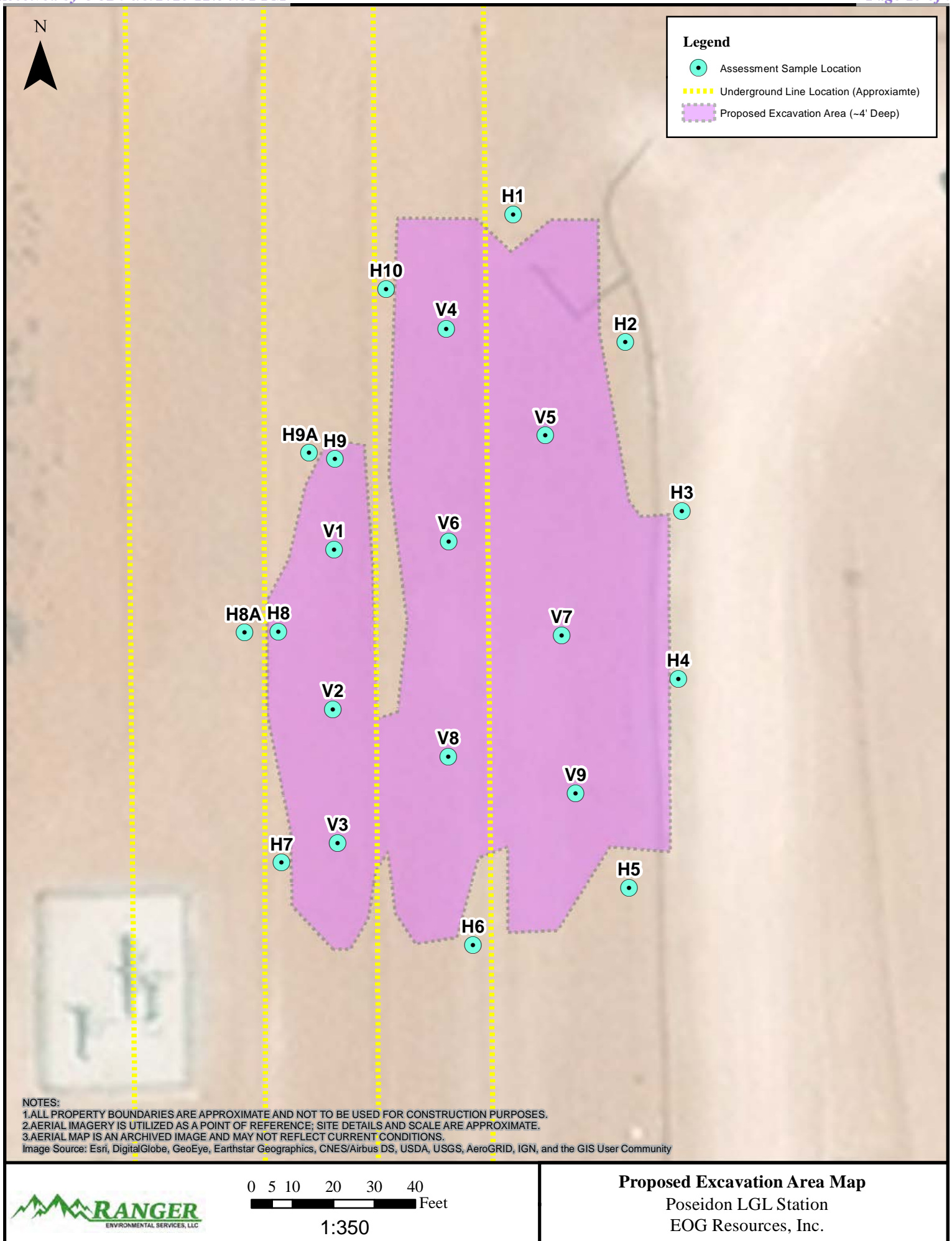


0 250 500 1,000 1,500 2,000 Feet

1:10,000

Karst Topography Map
Poseidon LGL Station
EOG Resources, Inc.





TABLES

Site Assessment Soil Sample BTEX (EPA 8260), TPH (EPA 8015)
& Chloride (SM 4500) Analytical Data

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (SM 4500) ANALYTICAL DATA EOG RESOURCES, INC. POSEIDON LGL STATION													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
Horizontal Assessment Sample Locations													
H1/1	2/5/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
H1/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.1	<10.0	<10.0	<20.0	<30.0	16.0
H2/1	2/5/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H2/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
H3/1	2/5/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H3/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
H4/1	2/5/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H4/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H5/1	2/5/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H5/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H6/1	2/5/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H6/4	2/5/2025	4'	<0.50	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H7/1	2/5/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
H7/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H8/0	2/5/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	1,630
H8/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H8A/0	2/18/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.9	<10.0	17.9	17.9	144
H8A/4	2/18/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H9/0	2/5/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	2,400
H9/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
H9A/0	2/18/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
H9A/4	2/18/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
H10/1	2/5/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
H10/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
Vertical Assessment Sample Locations													
V1/0	2/5/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	3,240
V1/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	2,120
V2/0	2/5/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	4,000
V2/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	6,080
V3/0	2/5/2025	0'	<0.050	<0.050	<0.050	<0.1150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	6,400
V3/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	4,080
V4/0	2/5/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	4,560
V4/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	13,600
V5/0	2/5/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	2,840
V5/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	10,000
V6/0	2/5/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.8	<10.0	10.8	10.8	3,840
V6/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	7,330
V7/0	2/5/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.7	<10.0	10.7	10.7	4,000
V7/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	8,400
V8/0	2/5/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	49.0	<10.0	49.0	49.0	4,160
V8/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	9,800
V9/0	2/5/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.0	<10.0	21.0	21.0	4,240
V9/4	2/5/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	3,600
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')			10	---	---	---	50	---	---	---	1,000	2,500	20,000
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			10 ³	---	---	---	50 ³	---	---	---	---	100 ³	600
Notes:													
1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.													
2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.													
3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of Digital C-141 and the release rule (19.15.29 NMAC) dated December 1, 2023.													

ATTACHMENT 1 – DEPTH-TO-GROUNDWATER INFORMATION



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-04780 POD1		WELL TAG ID NO.		OSE FILE NO(S). C-04780 POD1		
	WELL OWNER NAME(S) EOG Resources				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 5509 Champions Dr				CITY Midland	STATE TX	
					ZIP 79705		
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 15	SECONDS 51.8862	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
	LONGITUDE -103	40	8.3748	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1706		NAME OF LICENSED DRILLER Bryce Wallace			NAME OF WELL DRILLING COMPANY Elite Drillers Corporation	
	DRILLING STARTED 10/27/23		DRILLING ENDED 10/27/23		DEPTH OF COMPLETED WELL (FT) 80	BORE HOLE DEPTH (FT) 80	DEPTH WATER FIRST ENCOUNTERED (FT) N/A
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED N/A
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches) 6	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) N/A	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches) 6	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL N/A		AMOUNT (cubic feet)	METHOD OF PLACEMENT


FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-04780	POD NO. 1	TRN NO. 751921
LOCATION 23S. 32E. 34. 131	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	5	5	RED SAND/CALICHE	Y ✓ N	
	5	10	5	RED TAN SAND	Y ✓ N	
	10	15	5	RED TAN SAND W/ CALICHE	Y ✓ N	
	15	20	5	CALICHE W/ TAN SAND	Y ✓ N	
	20	25	5	RED TAN SAND W/ CALICHE	Y ✓ N	
	25	35	5	TAN SAND/SMALL CALICHE ROCK	Y ✓ N	
	35	80	45	TAN/RED SAND W/ SMALL CALICHE ROCK	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
	<div style="text-align: right;">05E DIT NOV 7 2023 PM 1:38</div>	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Bryce Wallace	11/01/23
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-04780

POD NO. 1

TRN NO. 751921

LOCATION 235.32E.34.131

WELL TAG ID NO.

PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 751921
File Nbr: C 04780
Well File Nbr: C 04780 POD1

Nov. 14, 2023

BLAKE GROOMS
EOG RESOURCES
5509 CHAMPIONS DR.
MIDLAND, TX 79705

Greetings:

The above numbered permit was issued in your name on 10/11/2023.

The Well Record was received in this office on 11/07/2023, stating that it had been completed on 10/27/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 10/10/2024.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Rodolfo Chavez".


Rodolfo Chavez
(575) 622-6521

drywell

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 03528 POD1	NW	NW	NE	15	24S	32E	626040.4	3566129.5	

* UTM location was derived from PLSS - see Help

Driller License:	1682	Driller Company:	HUNGRY HORSE, LLC.
Driller Name:	NORRIS, JOHN D. (LD)		
Drill Start Date:	2012-02-20	Drill Finish Date:	2012-03-12
		Plug Date:	
Log File Date:	2012-04-30	PCW Rcv Date:	
		Source:	Shallow
Pump Type:	SUBMER	Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	6.38	Depth Well:	541
		Depth Water:	133

Water Bearing Stratifications:

Top	Bottom	Description
133	152	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
0	541

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, N.M.

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) C-3555-POO1				OSE FILE NUMBER C-3555				
	WELL OWNER NAME(S) MARK McCloy - McCloy Ranches				PHONE (OPTIONAL) 432-940-4459				
	WELL OWNER MAILING ADDRESS Box 1076 254 Diamond Road				CITY STATE ZIP Jal NM 88252				
	<div style="display: flex; justify-content: space-between;"> <div> WELL LOCATION (FROM GPS) DEGREES MINUTES SECONDS LATITUDE 32 15 12.71 N LONGITUDE 103 41 49.24 W </div> <div> * ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84 </div> </div>								
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Hwy 128 nm 20 4 miles North - 1/4 east									
2. DRILLING & CASING INFORMATION	LICENSE NUMBER 1654		NAME OF LICENSED DRILLER John Sirman			NAME OF WELL DRILLING COMPANY Semen Drilling & Const. LLC			
	DRILLING STARTED 10/20/13		DRILLING ENDED 10/21/13		DEPTH OF COMPLETED WELL (FT) 600'0		BORE HOLE DEPTH (FT) 600'0		
					DEPTH WATER FIRST ENCOUNTERED (FT) 475'0		STATIC WATER LEVEL IN COMPLETED WELL (FT) 380'0		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)								
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD <input type="checkbox"/> ADDITIVES - SPECIFY:								
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:								
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)	
	FROM	TO							
	0	460	10	PVC	Certa-Lok	6	DR-17	Blank	
	460	520	10	PVC	Certa-Lok	6	DR-17	1032 screen	
520	600	10	PVC	Certa-Lok	6"	DR-17	Blank		
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT			
	FROM	TO							
	0	20	10	3/8 bentonite hole plug	6 Bags	gravity			
	34	600	10	3/8 pea gravel pack	4 yds	gravity			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER

U-3555

POD NUMBER

TRN NUMBER

534311

24S, 32E, 05

1-2-2


Released to Imaging: 7/2/2025 3:25:21 PM

Point of Diversion Summary

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

quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	TwS	Rng	X	Y	Map
	C 03851 POD1	SW	SW	SE	20	23S	32E	622879.6	3572660.0	

* UTM location was derived from PLSS - see Help

Driller License:	1723	Driller Company:	SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.			
Driller Name:	STEWART, RANDAL P.					
Drill Start Date:	2015-08-19	Drill Finish Date:	2015-10-02		Plug Date:	
Log File Date:	2015-11-10	PCW Rcv Date:			Source:	Artesian
Pump Type:		Pipe Discharge Size:			Estimated Yield:	3
Casing Size:	5.00	Depth Well:	1392		Depth Water:	713

Water Bearing Stratifications:

Top	Bottom	Description
1354	1380	Limestone/Dolomite/Chalk

Casing Perforations:

Top	Bottom
1354	1383

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

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Groundwater levels for the Nation



Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 321555103381501

Minimum number of levels = 1

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

USGS 321555103381501 23S.32E.35.224111

Available data for this site

Groundwater: Field measurements



GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°15'59.0", Longitude 103°38'17.6" NAD83

Land-surface elevation 3,678.00 feet above NGVD29

The depth of the well is 700 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

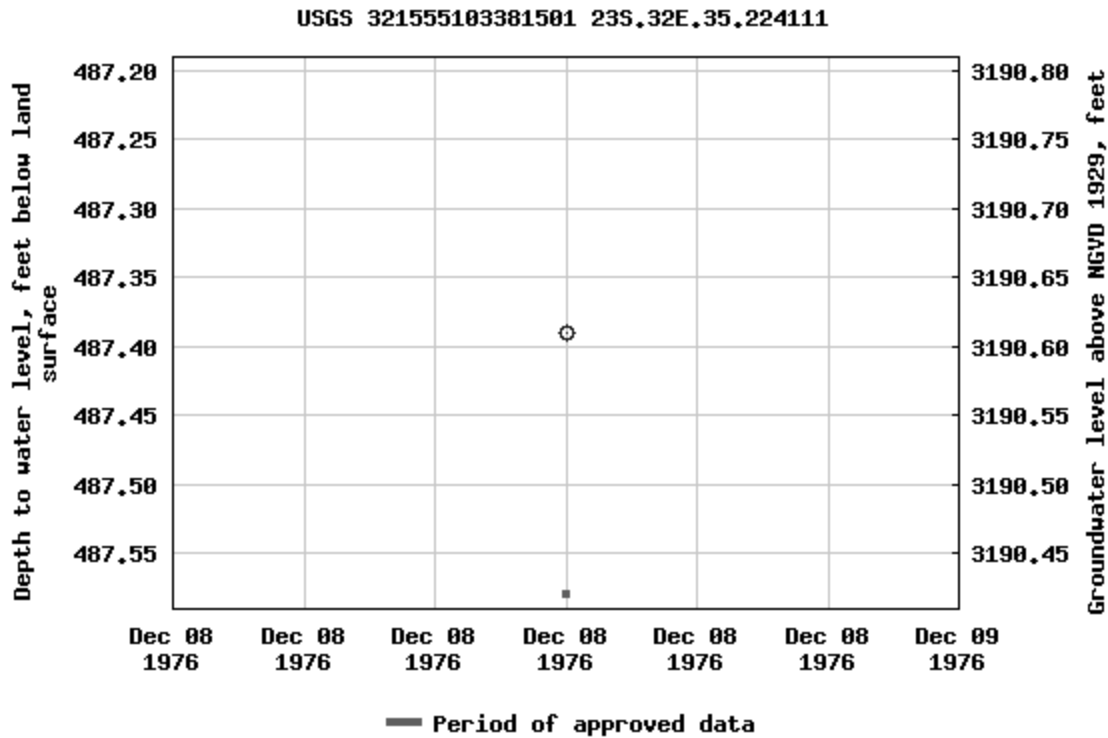
Output formats

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Breaks in the plot represent a gap of at least one year between field measurements.
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Title: Groundwater for USA: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)
Page Last Modified: 2025-02-12 18:35:21 EST
0.77 0.55 nadww02



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National Water Information System: Web Interface

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Data Category:

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Groundwater levels for the Nation

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Search Results -- 1 sites found

site_no list =

- 321428103395801

Minimum number of levels = 1

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

USGS 321428103395801 24S.32E.03.32124

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°14'28", Longitude 103°39'58" NAD27

Land-surface elevation 3,653 feet above NAVD88

The depth of the well is 550 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

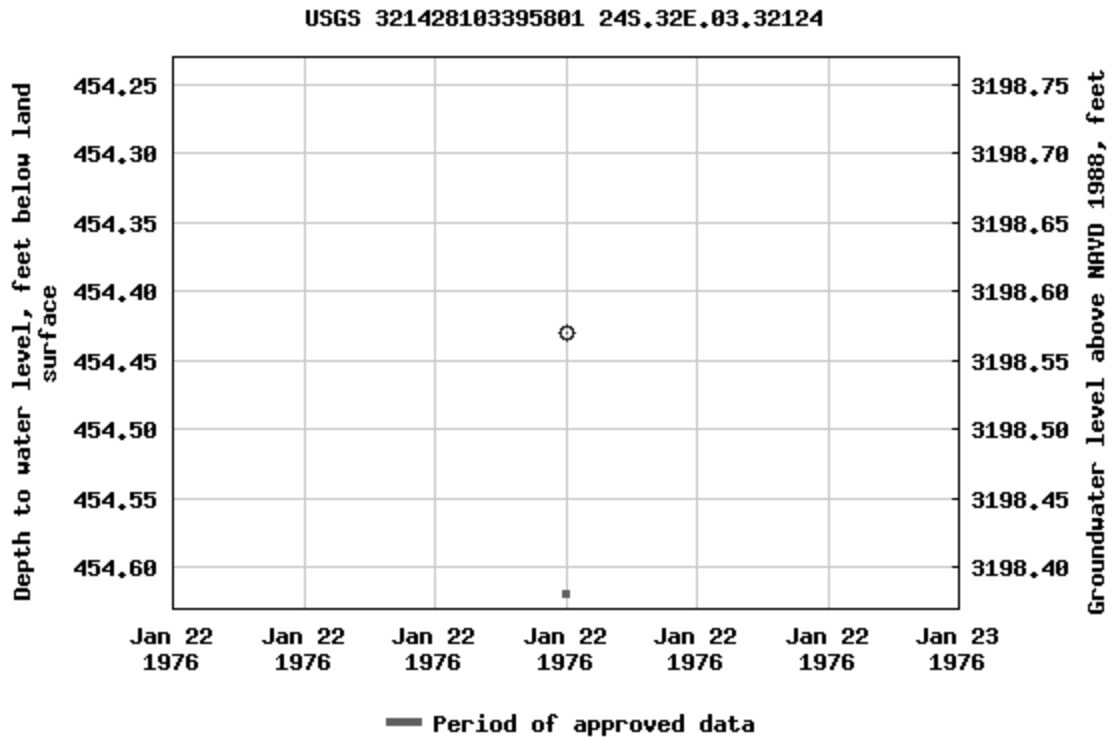
Output formats

[Table of data](#)

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Breaks in the plot represent a gap of at least one year between field measurements.
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Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2025-02-12 18:37:33 EST

0.81 0.66 nadww01

ATTACHMENT 2 – SITE PHOTOGRAPHS



PHOTOGRAPH NO. 1 – A view of the Site during the initial response activities from the vicinity of the release location. The view is towards the northeast
(Approximate GPS Coordinates 32.255687, -103.670830)



PHOTOGRAPH NO. 2 – An additional view of the Site during the initial response activities. The view is towards the north.
(Approximate GPS Coordinates 32.255630, -103.670813)



PHOTOGRAPH NO. 3 – A view of the impact area during the February 5, 2025 assessment activities. The view is towards the south.



PHOTOGRAPH NO. 4 – An additional view of the Site during the February 5, 2025 assessment activities. The view is towards the northwest.

ATTACHMENT 3 – LABORATORY REPORTS



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

February 13, 2025

WILL KIERDORF

RANGER ENVIRONMENTAL SERVICES, INC.

PO BOX 201179

AUSTIN, TX 78729

RE: POESIDEN LGL STATION

Enclosed are the results of analyses for samples received by the laboratory on 02/07/25 12:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 1/1 (H250763-01)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2025	ND	416	104	400	3.77		

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	02/10/2025	ND	199	99.6	200	0.0688		
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	196	98.0	200	0.212		
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND						

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 1/4 (H250763-02)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/11/2025	ND	199	99.6	200	0.0688	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	196	98.0	200	0.212	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 2/1 (H250763-03)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/11/2025	ND	199	99.6	200	0.0688	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	196	98.0	200	0.212	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 2/4 (H250763-04)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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 WILL KIERDORF
 PO BOX 201179
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 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 3/1 (H250763-05)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 3/4 (H250763-06)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 4/1 (H250763-07)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 4/4 (H250763-08)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

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 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 5/1 (H250763-09)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 5/4 (H250763-10)

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	02/10/2025	ND	2.03	102	2.00	0.869	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Analytical Results For:

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 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received: 02/07/2025
 Reported: 02/13/2025
 Project Name: POESIDEN LGL STATION
 Project Number: 5375
 Project Location: EOG RESOURCES - EDDY CO NM

Sampling Date: 02/05/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 6/1 (H250763-11)

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	02/10/2025	ND	2.03	102	2.00	0.869	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	0.00	

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 6/4 (H250763-12)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 7/1 (H250763-13)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 7/4 (H250763-14)

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	02/10/2025	ND	2.03	102	2.00	0.869	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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 WILL KIERDORF
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 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 8/0 (H250763-15)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1630	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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 WILL KIERDORF
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 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 8/4 (H250763-16)

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	02/10/2025	ND	2.03	102	2.00	0.869		
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 9/0 (H250763-17)

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	02/10/2025	ND	2.03	102	2.00	0.869	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.772	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.15	108	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.54	109	6.00	0.690	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	02/10/2025	ND	432	108	400	0.00	

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 9/4 (H250763-18)

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	02/10/2025	ND	1.84	92.1	2.00	0.745		
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

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 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 10/1 (H250763-19)

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	02/10/2025	ND	1.84	92.1	2.00	0.745	
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/10/2025	ND	186	93.0	200	1.53		
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	190	95.2	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND						

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: H 10/4 (H250763-20)

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	02/10/2025	ND	1.84	92.1	2.00	0.745		
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2025	ND	432	108	400	0.00		

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	02/11/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 1/0 (H250763-21)

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	02/10/2025	ND	1.84	92.1	2.00	0.745	
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	02/10/2025	ND	432	108	400	0.00	

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	02/11/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 1/4 (H250763-22)

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	02/10/2025	ND	1.84	92.1	2.00	0.745	
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	02/10/2025	ND	432	108	400	3.77	QM-07	

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	02/11/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 2/0 (H250763-23)

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	02/10/2025	ND	1.84	92.1	2.00	0.745	
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	02/10/2025	ND	432	108	400	3.77	

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	02/11/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	190	95.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 2/4 (H250763-24)

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	02/10/2025	ND	1.84	92.1	2.00	0.745	
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	02/10/2025	ND	432	108	400	3.77	

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 3/0 (H250763-25)

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	02/10/2025	ND	1.84	92.1	2.00	0.745		
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6400	16.0	02/10/2025	ND	432	108	400	3.77		

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 3/4 (H250763-26)

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	02/10/2025	ND	1.84	92.1	2.00	0.745	
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	02/10/2025	ND	432	108	400	3.77		

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 4/0 (H250763-27)

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	02/10/2025	ND	1.84	92.1	2.00	0.745	
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	02/10/2025	ND	432	108	400	3.77	

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 4/4 (H250763-28)

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	02/10/2025	ND	1.84	92.1	2.00	0.745		
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852		
Total BTEx	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13600	16.0	02/10/2025	ND	432	108	400	3.77		

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 5/0 (H250763-29)

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	02/10/2025	ND	1.84	92.1	2.00	0.745	
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	02/10/2025	ND	432	108	400	3.77	

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 5/4 (H250763-30)

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	02/10/2025	ND	1.84	92.1	2.00	0.745		
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10000	16.0	02/10/2025	ND	432	108	400	3.77		

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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 WILL KIERDORF
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 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 6/0 (H250763-31)

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	02/10/2025	ND	1.84	92.1	2.00	0.745	
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	02/10/2025	ND	432	108	400	3.77	

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	10.8	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 6/4 (H250763-32)

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	02/10/2025	ND	1.84	92.1	2.00	0.745		
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7330	16.0	02/10/2025	ND	432	108	400	3.77		

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 7/0 (H250763-33)

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	02/10/2025	ND	1.84	92.1	2.00	0.745		
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	02/10/2025	ND	432	108	400	3.77		

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	10.7	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 7/4 (H250763-34)

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	02/10/2025	ND	1.84	92.1	2.00	0.745		
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8400	16.0	02/10/2025	ND	432	108	400	3.77		

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 8/0 (H250763-35)

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	02/10/2025	ND	1.84	92.1	2.00	0.745		
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4160	16.0	02/10/2025	ND	432	108	400	3.77		

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	49.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 8/4 (H250763-36)

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	02/10/2025	ND	1.84	92.1	2.00	0.745		
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9800	16.0	02/10/2025	ND	432	108	400	3.77		

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received: 02/07/2025
 Reported: 02/13/2025
 Project Name: POESIDEN LGL STATION
 Project Number: 5375
 Project Location: EOG RESOURCES - EDDY CO NM

Sampling Date: 02/05/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 9/0 (H250763-37)

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	02/10/2025	ND	1.84	92.1	2.00	0.745	
Toluene*	<0.050	0.050	02/10/2025	ND	2.00	100	2.00	0.299	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.01	100	2.00	0.0917	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.12	102	6.00	0.852	
Total BTEX	<0.300	0.300	02/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	02/10/2025	ND	432	108	400	3.77	

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	21.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/07/2025	Sampling Date:	02/05/2025
Reported:	02/13/2025	Sampling Type:	Soil
Project Name:	POESIDEN LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - EDDY CO NM		

Sample ID: V 9/4 (H250763-38)

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	02/10/2025	ND	1.61	80.3	2.00	2.24		
Toluene*	<0.050	0.050	02/10/2025	ND	1.74	87.0	2.00	2.21		
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	1.69	84.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	02/10/2025	ND	4.97	82.8	6.00	2.30		
Total BTEX	<0.300	0.300	02/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	02/10/2025	ND	432	108	400	3.77		

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	02/10/2025	ND	206	103	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	203	101	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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", written over a horizontal line.

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

2 of 4

Company Name: Ranger Environmental Services, Inc.		BILL TO		ANALYSIS REQUEST																							
Project Manager: Will Kierdorf		P.O. #:																									
Address: PO Box 201179		Company: EOG Resources Inc																									
City: Austin		Attn: Chase Settle																									
Phone #: 512-289-3272		Address: 5509 Champions Dr.																									
Fax #: 512-335-0527		City: Midland																									
Project #: 5375		State: TX																									
Project Name: Poesiden LGL Station		Zip: 79706																									
Project Location: Eddy County, NM		Phone #:																									
Sampler Name: J Martinez		Fax #:																									
FOR LAB USE ONLY																											
Lab I.D.				(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX						PRESERV		SAMPLING											
Sample I.D.																											
H1/1				G		1		GROUNDWATER						DATE		TIME		TPH: 8015 EXT									
H1/4				G		1		WASTEWATER						2/5/2025		0910		X									
H2/1				G		1		SOIL						2/5/2025		0920		X									
H2/4				G		1		OIL						2/5/2025		1024		X									
H3/1				G		1		SLUDGE						2/5/2025		1032		X									
H3/4				G		1		OTHER :						2/5/2025		1054		X									
H4/1				G		1		ACID/BASE:						2/5/2025		1100		X									
H4/4				G		1		ICE / COOL						2/5/2025		1126		X									
H5/1				G		1		OTHER :						2/5/2025		1132		X									
H5/4				G		1								2/5/2025		1152		X									
				G		1								2/5/2025		1200		X									
<small>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 the client for the analyses. 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 interruption, 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 each claim is based upon any of the above stated reasons or otherwise.</small>																											
Relinquished By:				Date: 4/1/25		Received By:														Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:							
				Time: 1:50																Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:							
Relinquished By:				Date:		Received By:														REMARKS:							
				Time:																Please hold the following samples pending initial results:							
Delivered By: (Circle One)				Sample Condition:		CHECKED BY:														Email results to: will@rangerenv.com							
Sampler - UPS - Bus - Other:				<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact																							
530/5.6c				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																							

FORM-006 R 2.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2044

Company Name: Ranger Environmental Services, Inc. Project Manager: Will Kierdorf Address: PO Box 201179 City: Austin State: TX Zip: 78720 Phone #: 512-289-3272 Fax #: 512-335-0527 Project #: 5375 Project Name: Poesiden LGL Station Project Location: Eddy County, NM Sampler Name: J. Martinez				P.O. #: Company: EOG Resources Inc Attn: Chase Settle Address: 5509 Champions Dr. City: Midland State: TX Zip: 79706 Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
Lab I.D. 115507103 Sample I.D.				FOR LAB USE ONLY			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether caused in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause 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 interruption, 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: [Signature] Relinquished By: [Signature] Delivered By: (Circle One) <u>CF+0.3i #140</u> Sampler - UPS - Bus - Other: <u>53i/56i</u>				Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> CHECKED BY: [Signature]			
Time: 1:50 Date: 2/11/24 Received By: [Signature] Time: Date: Received By:				PHONE RESULT: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: FAX RESULT: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #: REMARKS: Please hold the following samples pending initial results: <u>Standard</u>			
Matrix: (G)RAB OR (C)OMP. # CONTAINERS: GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				DATE TIME 2/5/2025 1232 2/5/2025 1242 2/5/2025 1310 2/5/2025 1318 2/5/2025 1520 2/5/2025 1532 2/5/2025 1546 2/5/2025 1554 2/5/2025 0942 2/5/2025 0950			
TPH: 8015 EXT BTEX 8021B/5030 or BTEX 8260 Chloride (300 or 4500)				TPH: 8015 EXT BTEX 8021B/5030 or BTEX 8260 Chloride (300 or 4500)			



304

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:		Ranger Environmental Services, Inc.
Project Manager:		Will Kierdorf
Address:		PO Box 201179
City:	Austin	State: TX Zip: 78720
Phone #:	512-289-3272	Fax #: 512-335-0527
Project #:	5375	Project Owner:
Project Name:		Poesiden LGL Station
Project Location:		Eddy County, NM
Sampler Name:		J. Martinez
FOR LAB USE ONLY		Fax #:

				BILL TO		ANALYSIS REQUEST									
				P.O. #:											
				Company:	EOG Resources Inc										
				Attn:	Chase Settle										
				Address:	5509 Champions Dr.										
				City:	Midland										
				State:	TX	Zip:	79706								
				Phone #:											
				Fax #:											

Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS	MATRIX						PRESERV.	SAMPLING														
V6/0	G	1	X			GROUNDWATER								DATE	TIME	TPH: 8015 EXT	BTEX 8021B/5030 or BTEX 8260	Chloride (300 or 4500)										
V6/4	G	1	X			WASTEWATER								2/5/2025	1620	X	X	X										
V7/0	G	1	X			SOIL								2/5/2025	1628	X	X	X										
V7/4	G	1	X			OIL								2/5/2025	1800	X	X	X										
V8/0	G	1	X			SLUDGE								2/5/2025	1810	X	X	X										
V8/4	G	1	X			OTHER :								2/5/2025	1430	X	X	X										
V9/0	G	1	X			ACID/BASE:								2/5/2025	1440	X	X	X										
V9/4	G	1	X			ICE / COOL								2/5/2025	1400	X	X	X										
						OTHER :								2/5/2025	1412	X	X	X										

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Relinquished By:		Date: 2/7/25	Received By:
Time: 1:30 PM		Signature: [Handwritten]	
Date: 2/7/25		Received By: [Handwritten Signature]	
Time:		Received By:	

Delivered By: (Circle One) Sampler - UPS Bus - Other: <u>5:30c/5:40c</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <u>[Handwritten Initials]</u>
Email results to: will@rangerenv.com		Please hold the following samples pending initial results: <u>Standard</u>	

FORM-006 R 2.0



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

February 25, 2025

WILL KIERDORF

RANGER ENVIRONMENTAL SERVICES, INC.

PO BOX 201179

AUSTIN, TX 78729

RE: POSEIDON LGL STATION

Enclosed are the results of analyses for samples received by the laboratory on 02/19/25 16:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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 style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/19/2025	Sampling Date:	02/18/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POSEIDON LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO NM		

Sample ID: H8A / 0 (H251001-01)

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	02/23/2025	ND	1.95	97.7	2.00	0.448	
Toluene*	<0.050	0.050	02/23/2025	ND	2.04	102	2.00	0.292	
Ethylbenzene*	<0.050	0.050	02/23/2025	ND	2.06	103	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/23/2025	ND	6.27	105	6.00	0.532	
Total BTX	<0.300	0.300	02/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/21/2025	ND	400	100	400	7.69	

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	02/20/2025	ND	240	120	200	3.89	
DRO >C10-C28*	17.9	10.0	02/20/2025	ND	241	121	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/20/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/19/2025	Sampling Date:	02/18/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POSEIDON LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO NM		

Sample ID: H8A / 4 (H251001-02)

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	02/23/2025	ND	1.95	97.7	2.00	0.448	
Toluene*	<0.050	0.050	02/23/2025	ND	2.04	102	2.00	0.292	
Ethylbenzene*	<0.050	0.050	02/23/2025	ND	2.06	103	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/23/2025	ND	6.27	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/21/2025	ND	400	100	400	7.69		

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	02/20/2025	ND	240	120	200	3.89	
DRO >C10-C28*	<10.0	10.0	02/20/2025	ND	241	121	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/20/2025	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/19/2025	Sampling Date:	02/18/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POSEIDON LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO NM		

Sample ID: H9A / 0 (H251001-03)

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	02/23/2025	ND	1.95	97.7	2.00	0.448	
Toluene*	<0.050	0.050	02/23/2025	ND	2.04	102	2.00	0.292	
Ethylbenzene*	<0.050	0.050	02/23/2025	ND	2.06	103	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/23/2025	ND	6.27	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/21/2025	ND	400	100	400	7.69	

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	02/20/2025	ND	240	120	200	3.89	
DRO >C10-C28*	<10.0	10.0	02/20/2025	ND	241	121	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/20/2025	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.
 WILL KIERDORF
 PO BOX 201179
 AUSTIN TX, 78729
 Fax To: (512) 335-0527

Received:	02/19/2025	Sampling Date:	02/18/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	POSEIDON LGL STATION	Sampling Condition:	Cool & Intact
Project Number:	5375	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO NM		

Sample ID: H9A / 4 (H251001-04)

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	02/23/2025	ND	1.95	97.7	2.00	0.448	
Toluene*	<0.050	0.050	02/23/2025	ND	2.04	102	2.00	0.292	
Ethylbenzene*	<0.050	0.050	02/23/2025	ND	2.06	103	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/23/2025	ND	6.27	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/21/2025	ND	400	100	400	7.69		

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	02/20/2025	ND	240	120	200	3.89		
DRO >C10-C28*	<10.0	10.0	02/20/2025	ND	241	121	200	5.36		
EXT DRO >C28-C36	<10.0	10.0	02/20/2025	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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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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

1 of 1

Company Name: Ranger Environmental Services, Inc.

BILL TO

ANALYSIS REQUEST

Project Manager: Will Kierdorf

P.O. #:

Address: PO Box 201179

Company: EOG Resources Inc

City: Austin State: TX Zip: 78720

Attn: Chase Settle

Phone #: 512-289-3272 Fax #: 512-335-0527

Address: 5509 Champions Dr.

Project #: 5375 Project Owner:

City: Midland

Project Name: Poseidon LGL Station

State: TX Zip: 79706

Project Location: Eddy County, NM

Phone #:

Sampler Name: J. Martinez

Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	PRESERV.		SAMPLING										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			ACID/BASE:	ICE / COOL	OTHER :										
H8A/0		G	1	X						2/18/2025	1440	X	X	X										
H8A/4		G	1	X						2/18/2025	1450	X	X	X										
H9A/0		G	1	X						2/18/2025	1510	X	X	X										
H9A/4		G	1	X						2/18/2025	1526	X	X	X										

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Relinquished By: [Signature] Date: 2/19/25 Received By: [Signature]

Relinquished By: [Signature] Date: 1/15/25 Received By: [Signature]

Time: 10:53

Delivered By: (Circle One) -0-4-5 / CTD-3-2

Sampler - UPS - Bus - Other: -0-1-0 / #140

Sample Condition Cool Intact ☒ Yes ☐ No

CHECKED BY: (Initials) AP

REMARKS: Phone Result: ☐ Yes ☐ No Add'l Phone #: Fax Result: ☐ Yes ☐ No Add'l Fax #:

Please hold the following samples pending initial results:

Email results to: will@rangerenv.com

FORM-006 R 2.0

+ Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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

QUESTIONS

Action 470298

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 470298
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515443779
Incident Name	NAPP2515443779 POSEIDON LGL STATION @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Poseidon LGL Station
Date Release Discovered	01/19/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Gasket Produced Water Released: 150 BBL Recovered: 3 BBL Lost: 147 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Originally reported as 4 bbls released with 3 bbls recovered, however based on soil assessment during follow up investigation the released volume calculates to 150 bbls.

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QUESTIONS, Page 2

Action 470298

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 470298
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 06/03/2025
--	--

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QUESTIONS, Page 3

Action 470298

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 470298
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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)	13600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	49
GRO+DRO (EPA SW-846 Method 8015M)	49
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	07/06/2025
On what date will (or did) the final sampling or liner inspection occur	09/03/2025
On what date will (or was) the remediation complete(d)	10/03/2025
What is the estimated surface area (in square feet) that will be reclaimed	12878
What is the estimated volume (in cubic yards) that will be reclaimed	1878
What is the estimated surface area (in square feet) that will be remediated	12878
What is the estimated volume (in cubic yards) that will be remediated	1878
<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 470298

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 470298
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	OWL LANDFILL JAL [fJEG1635837366]
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: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 06/03/2025
<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 5

Action 470298

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 470298
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 470298

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 470298
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 470298

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 470298
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvez	1. Remediation plan is approved. Variance requested under Section 2.4 is also approved only for this specific incident. It is not intended to be used as precedent. 2.EOG has 90-days (September 30, 2025) to submit to OCD its appropriate or final remediation closure report.	7/2/2025