

2135 S. Loop 250 W,
Midland, Texas 79703
United States
www.ghd.com



Our ref: 11230738

January 27, 2022

New Mexico Oil Conservation Division
District 2
811 South First Street
Artesia, New Mexico 88210

Re: Site Characterization and Remediation Work Plan (Backfill Request)
Gissler B #59 Release Site
EOG Resources Inc.
Incident ID: nRM2002942397
L-12-17S-30E, Eddy County, New Mexico

To Whom It May Concern:

1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Characterization and Remediation Work Plan (Backfill Request) to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of sampling, analyses, and remedial activities in the affected areas at the EOG Gissler B #59 Release Site (Site). The Site is located in Unit Letter L Section 12 of Township 17 South and Range 30 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.84814 N latitude and 103.93229 W longitude. The release occurred on land managed by the Bureau of Land Management (BLM). Figure 1 depicts the Site location. The EOG production well pad and other site details are depicted on Figure 2, Confirmation Sampling: Soil Analytical Results Map.

2. Background Information

A C-141 Release Notification form for this release was submitted to the NMOCD on December 12, 2019. The C-141 stated the release was discovered on December 3, 2019, and was caused by a "SDR 11 poly flow line splitting due to obstruction or paraffin plug". Approximately nine (9) barrels (bbls) of crude oil was released with eight (8) bbls being recovered by a vacuum truck. EOG had a backhoe scrape the surface of the impacted area and hauled approximately sixty-four (64) cubic yards of impacted material to a NMOCD approved facility. After a site check and discussions with field personnel and environmental staff – EOG made the decision to excavate an additional twelve (12) inches of material (approximately 230 cubic yards) and dispose of it at an NMOCD approved facility.

On January 20 and February 12, 2020, EOG returned to the site to collect confirmation soil samples (S-1.1 through S-11.1 and SW-1.A through SW-1.B) from areas representing no greater than two-hundred (200) square feet. All confirmation samples were taken to Envirotech, Inc (Envirotech) in Farmington, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method

300. Laboratory Analytical Reports and Chain-of-Custody Documentation are provided in Attachment C. Analytical results are summarized in Attached Table 1.

EOG on September 1, 2021, submitted a Characterization & Remediation Work Plan to the NMOCD. The work plan described that EOG will have a consultant/contractor continue to excavate/field sample until chloride and TPH levels are at or below the <50-foot closure criteria. GHD understands the release falls under the jurisdiction of the NMOCD District 2 Office in Artesia, New Mexico. The NMOCD assigned the release with Incident Number nRM2002942397. The Release Notification and Site Assessment/Characterization portions of Form C-141 are attached to the front of this report.

3. Groundwater and Site Characterization

GHD characterized the Site according to Table 1, Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

On May 20, 2021, Talon LPE (Talon) installed a temporary well to 105 feet below ground surface (bgs.) After seventy-two (72) hours a water level meter was utilized to determine the presence or absence of groundwater. No water was detected, and the temporary well was plugged. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is located within an area with groundwater greater than one hundred (100) feet. No other receptors (karst areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. The Site characterization documentation (Karst Potential, Talon Temp Well location and boring log, Watercourse, FEMA, Points of Diversion and Wetlands maps) are provided in Attachment A. The soil and closure criteria are listed below:

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft.)
Low Karst	>100

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Constituent	Limits
Chloride	20,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
Benzene	10mg/kg
BTEX	50 mg/kg

Excavation, Waste Management and Confirmation Sampling

On September 16, 2021, GHD Services Inc. (GHD) and EOG's contractor Culberson Construction Energy Services (CCI), on behalf of EOG, further excavated the impacted areas exhibiting TPH and chloride concentrations above table 1 closure criteria. Soil samples were collected and field screened on site to determine if further excavation was needed. Impacted material was stockpiled on plastic and prepared to be hauled to a NMOCD approved facility.

On November 11, 2021, GHD returned to the site to collect confirmation soil samples after a confirmation sampling notification was submitted to the NMOCD two business days prior. Confirmation soil samples: S-1.1A, S-2.1A, S-5.1A, S-6.1A, S-8.1A, S-9.1A and S-10.1A were collected from areas representing no more than 200

square feet. All confirmation samples were taken to Envirotech in Farmington, New Mexico and analysed for BTEX by EPA Method 8021 B, TPH by Method 8015B Modified and Chloride EPA Method 300. Analytical results indicated that confirmation soil sample S-8.1A exhibited TPH concentrations above Table 1 closure criteria of 100 mg/kg. Laboratory Analytical Reports and Chain-of-Custody Documentation are provided in Attachment C. Analytical results are summarized in Attached Table 1.

GHD and EOG's contractor Standard Safety and Supply (SS&S) returned to the site on November 22, 2021, to further excavate the impacted area exhibiting TPH concentrations above 100 mg/kg. GHD collected one (1) bottom hole confirmation sample (S-8.1B) from an area representing no more than 200 square feet. The confirmation sample was taken to Envirotech in Farmington, New Mexico and analysed for BTEX by EPA Method 8021 B, TPH by Method 8015B Modified and Chloride EPA Method 300. Analytical results indicated TPH, Benzene, Chloride and BTEX concentrations were below NMAC Table 1 closure criteria for all final confirmation samples.

Waste Management activities were performed in coordination with EOG directives. EOG obtained regulatory approval via the successful processing of Form C-138 Request for Approval to Accept Solid Waste. The waste was approved for acceptance at the OCD-permitted (WM-1-035), Lea Land, LLC facility located at MM64, Highway 62/180 East, Carlsbad, NM, 88220. Approximately 45.80 tons of impacted soil and rock were disposed at Lea Land, LLC, on September 17 and November 22, 2021. Shipping manifests and the Approved C-138 are provided in Attachment D.

4. nRM2002942397 Proposed Work Plan

To conclude, all composite confirmation samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Confirmation sample locations represented areas no greater than 200 square feet and final confirmation samples exhibited concentrations below Table 1 closure criteria. The excavation remains un-backfilled. Photos of excavation are provided in attachment B.

Site Characterization, soil delineation, and remediation activities for incident number nRM2002942397 have been performed in accordance with applicable NMOCD guidance and regulations. Based upon supporting documentation provided in this report, GHD, on behalf of EOG, respectfully requests to backfill the excavation with non-impacted material so site reclamation can be completed.

If you have any questions or comments concerning this Site Characterization and Closure Report, please do not hesitate to contact our Midland office at (432) 686-0086.

Sincerely,

GHD



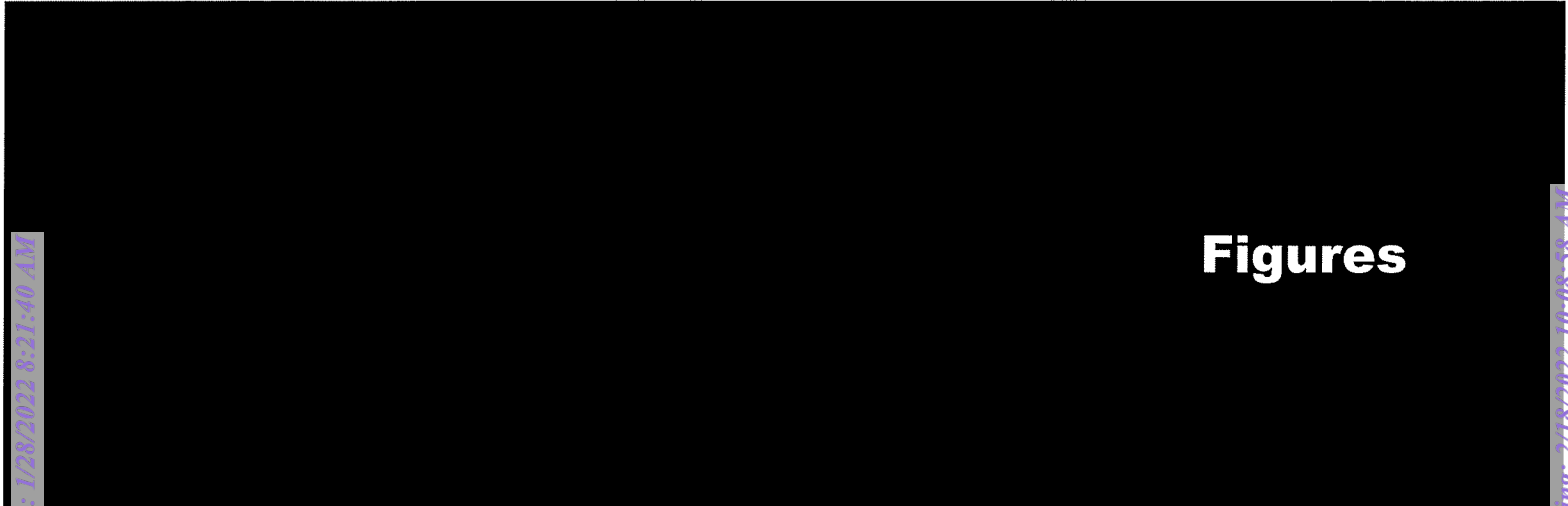
Becky Haskell
Senior Project Manager
BH/ZC/1



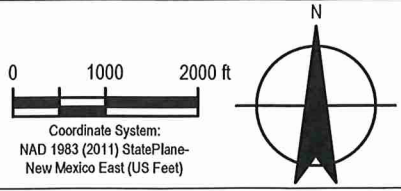
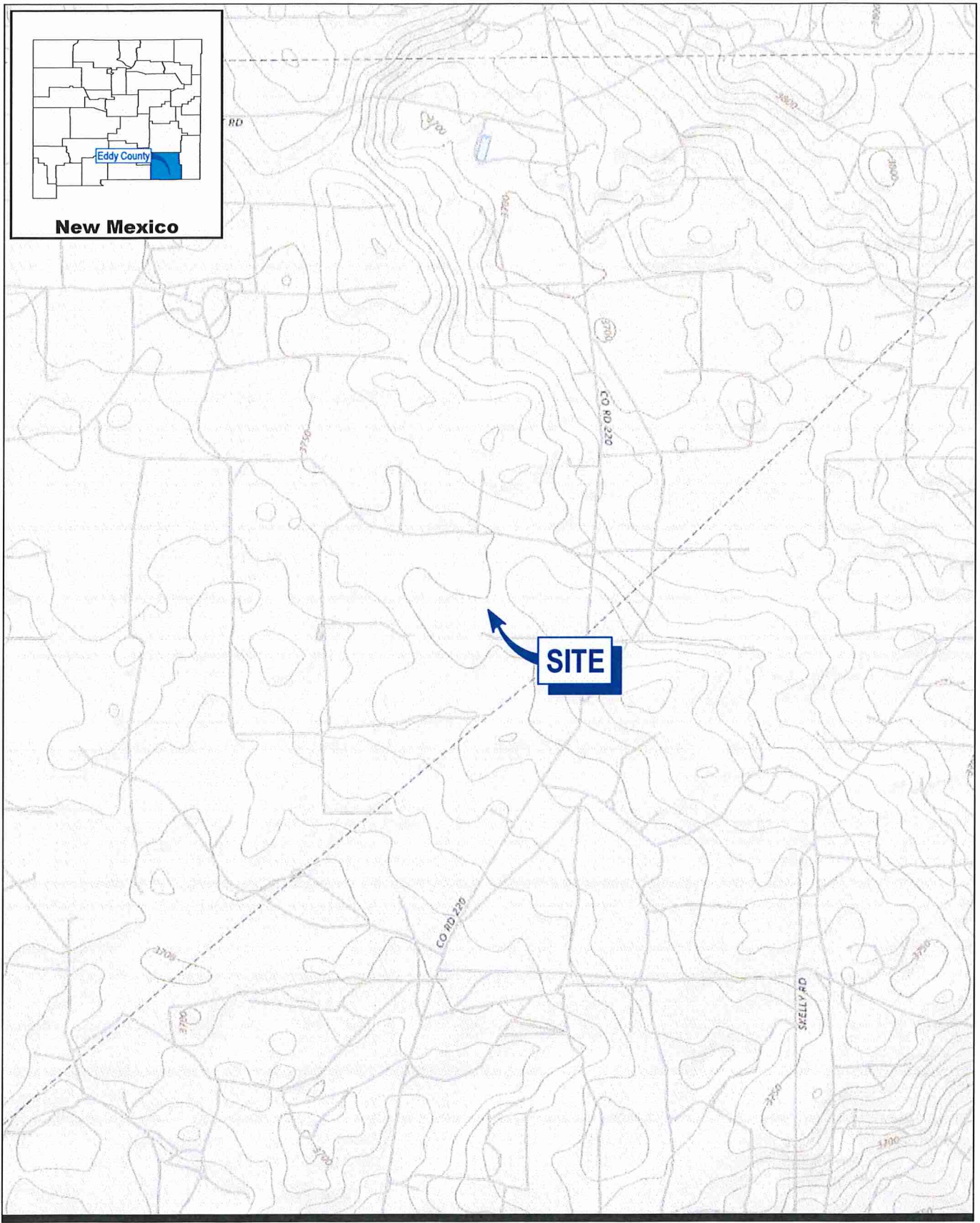
Zach Comino
Field Geologist

- Encl. Figure 1 – Site Location Map
Figure 2 – Confirmation Sampling: Soil Analytical Results Map
Table 1 – Summary of Soil Analytical Data
Attachment A – Site Characterization Documentation
Attachment B – Photographic Log
Attachment C – Laboratory Analytical Reports and Chain-of-Custody Documentation
Attachment D – Waste Manifest & Approved C-138

cc: Robert Asher



Figures

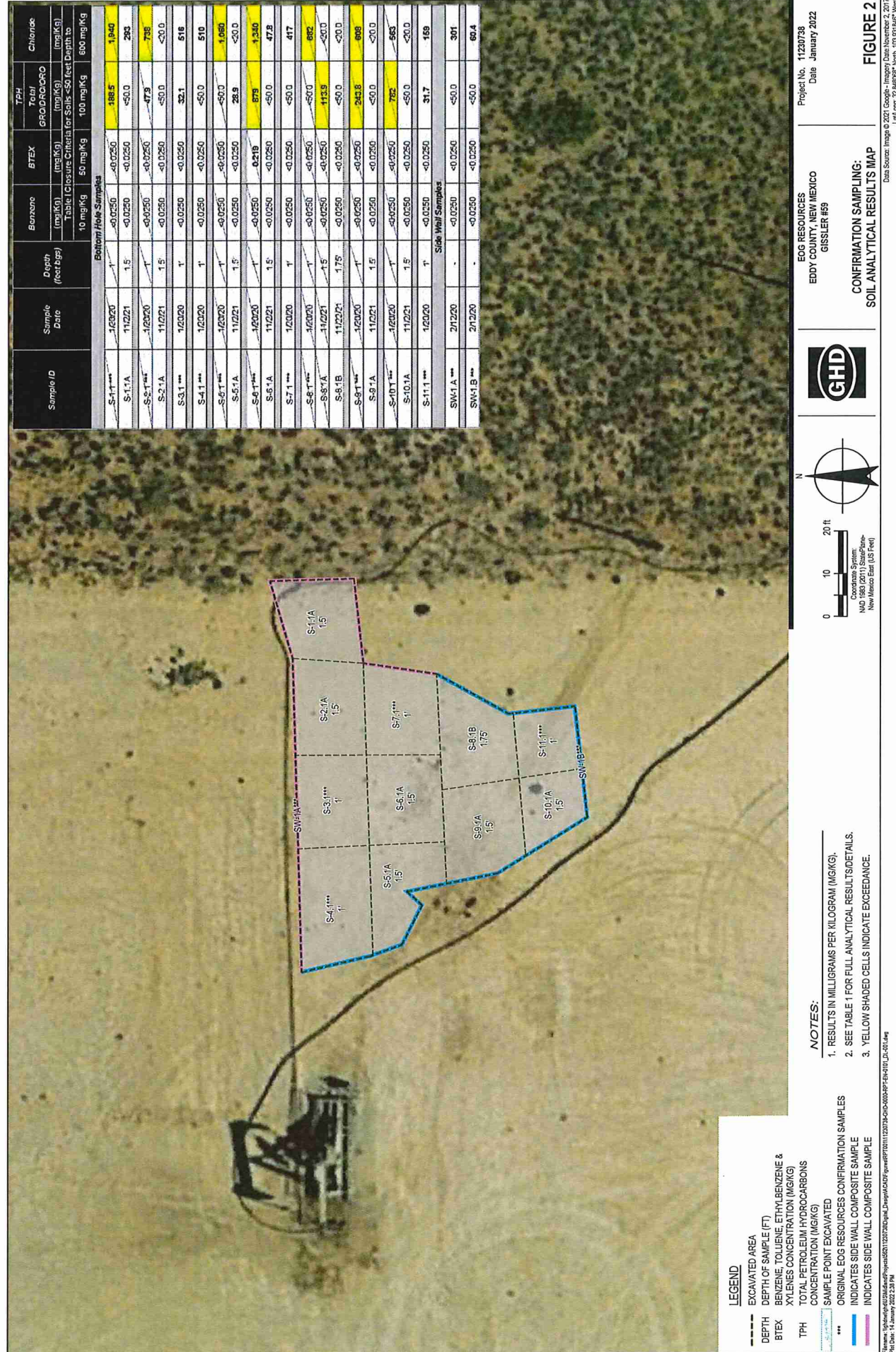


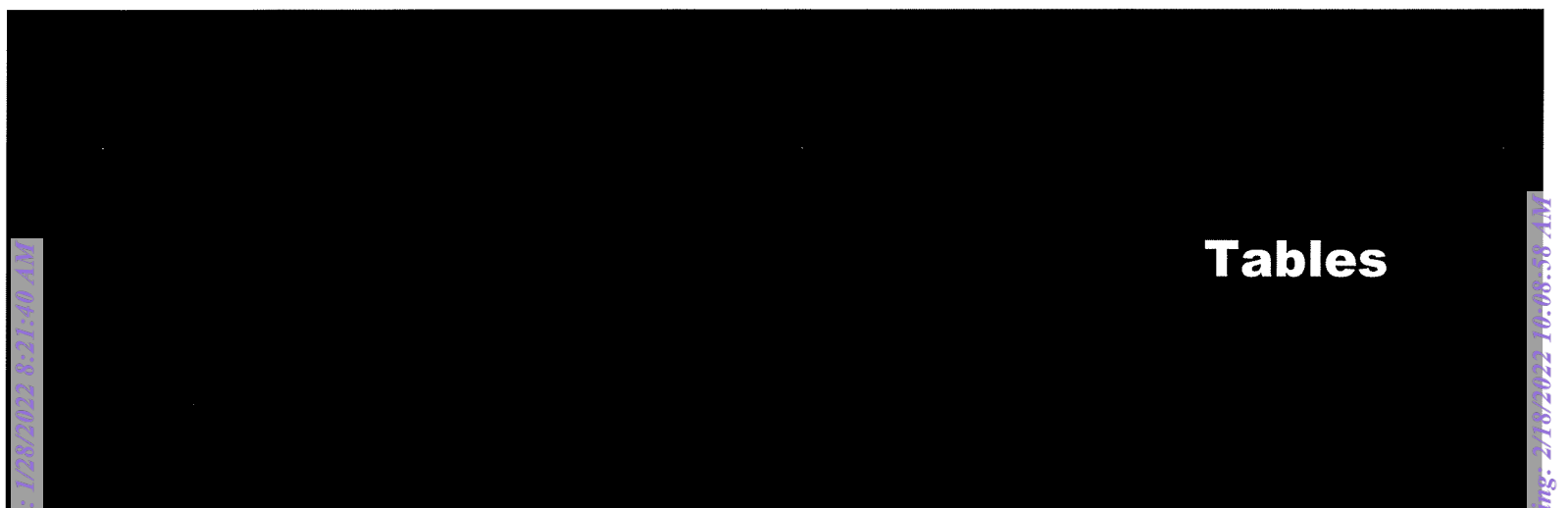
EOG RESOURCES
EDDY COUNTY, NEW MEXICO
GISSLER #59

Project No. 11230738
Date January 2022

SITE LOCATION MAP

FIGURE 1





Tables

Table 1
Summary of Soil Analytical Data
EOG GISSLER #59
EOG Resources
New Mexico

Sample ID	Sample Date	Depth (feet bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride	
			(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	GRO(C6-C10) (mg/Kg)	DRO(C10-C28) (mg/Kg)	ORO (C28-C36) (mg/Kg)	Total GRO/DRO/ORO (mg/Kg)	Chloride (mg/Kg)	
Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMOC													
10 mg/Kg			---	---	---	---	50 mg/Kg	---	---	---	100 mg/Kg	600 mg/Kg	
Bottom Hole Samples													
S-4.1 ***	1/20/20	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	121	67.5	198.5	1,940
S-1.1A	11/21/21	1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	293
S-2.1 ***	1/20/20	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	47.9	<50.0	47.9	738
S-2.1A	11/21/21	1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
S-3.1 ***	1/20/20	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	32.1	<50.0	32.1	516
S-4.1 ***	1/20/20	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	510
S-5.1 ***	1/20/20	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,060
S-5.1A	11/21/21	1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	28.9	<50.0	28.9	<20.0
S-6.1 ***	1/20/20	1'	<0.0250	<0.0250	0.0350	0.180	0.219	<0.0250	<20.0	648	231	879	1,340
S-6.1A	11/21/21	1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	47.8
S-7.1 ***	1/20/20	1'	<0.0250	<0.0250	0.0354	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	417
S-8.1 ***	1/20/20	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	682
S-8.1A	11/21/21	1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	54.0	59.9	113.9	<20.0
S-8.1B	11/22/21	1.75'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
S-9.1 ***	1/20/20	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	169	74.8	243.8	608
S-9.1A	11/21/21	1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
S-10.1 ***	1/20/20	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	569	213	782	563
S-10.1A	11/21/21	1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
S-11.1 ***	1/20/20	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	31.7	<50.0	31.7	159
Side Wall Samples													
SW-1.A ***	2/12/20	-	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	301
SW-1.B ***	2/12/20	-	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	60.4

Notes:
1. ***= Confirmation Sample collected by EOG
2. Values reported in mg/kg
3. <= Value Less than Reporting Limit (RL)
4. Bold Indicates Analyte Detected
5. BTEX analyses by EPA Method SW 8021B.

Sample Point Excavated
B-BH-2

6. TPH analyses by EPA Method SW 8015 Mod.
7. GRO/DROMRO = Gasoline/Diesel/Motor Oil
8. Yellow shaded cells indicate analytical samples that exceed the NMOC 19.15.29-12 Table 1 Closure Criteria for the site.
9. J - the target analytes was positively identified below the quantitation limit and above the detection limit.

Notes:
1. ***= Confirmation Sample collected by EOG
2. Values reported in mg/Kg
3. < = Value Less than Reporting Limit (RL)
4. Bold Indicates Analyte Detected
5. BTEX analyses by EPA Method SW 8021B.

B-BH+Z
Sample Point Excavated

6. TPH analyses by EPA Method SW 8015 Mod.
7. GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
8. Yellow shaded cells indicate analytical samples that exceed the NMOC 19.15.29.12 Table 1 Closure Criteria for the site.
9. J - the target analytes was positively identified below the quantitation limit and above the detection limit.

Attachment A

Site Characterization Documentation

Gissler B #59

Karst Potential Map

Legend

- Gissler B #59
- High
- Low
- Medium

Gissler B #59

220



1000 ft

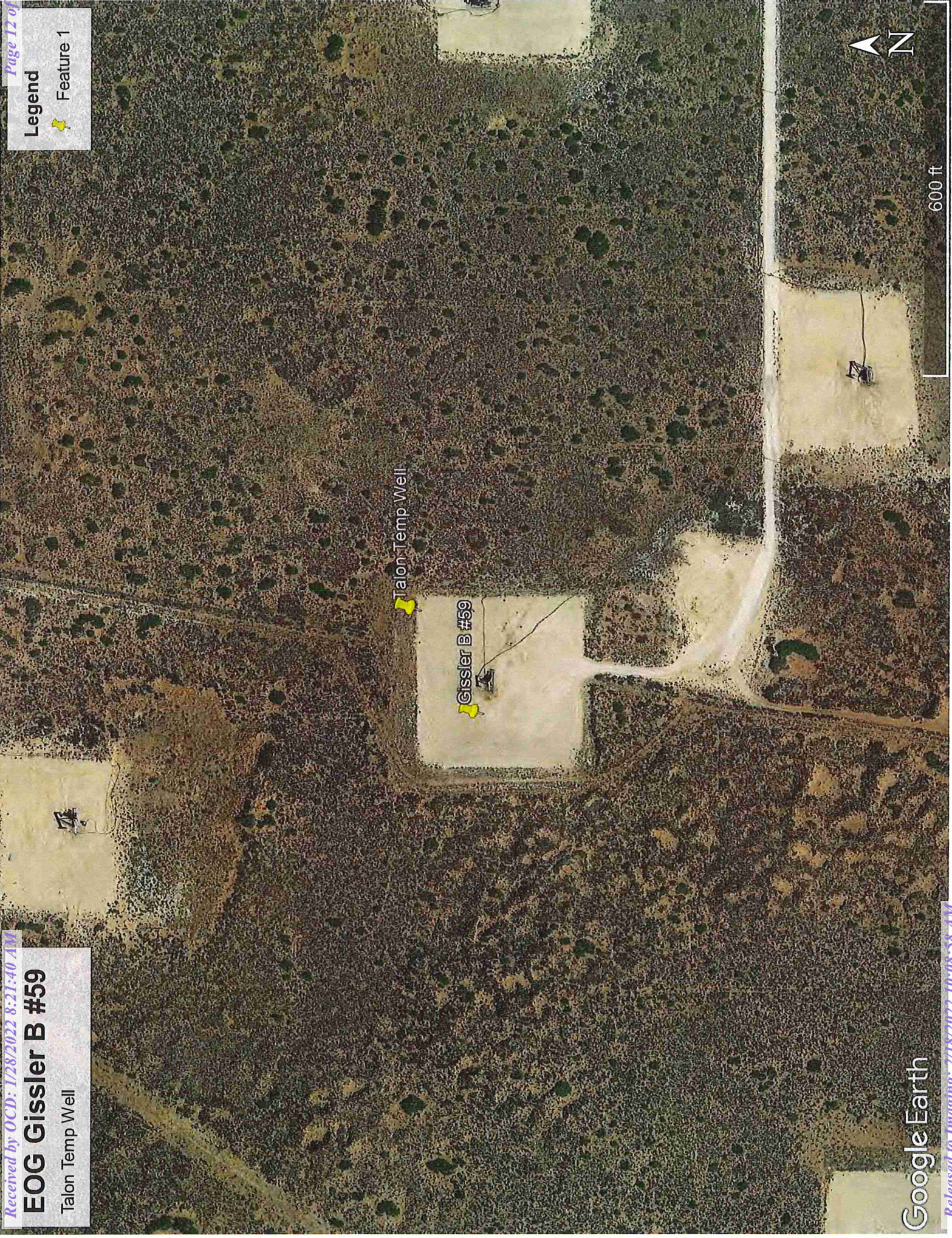
Google Earth

EOG Gissler B #59

Talon Temp Well

Legend

- Feature 1





BORING LOG

Project No.: 700438.240.01

Weather: Clear, Temp.: 80°F

Driller: D. Londagin

Site Name: Gissler B #59

Logger: D. Adkins

Rig Type: Reich Drill

Location: Eddy County, New Mexico

Field Instrument: NA

Bit Size: 5-7/8"

Date: 5/20/2021

Latitude: 32.848420 N

Drilling Method: Air Rotary

Boring Number: B-1

Longitude: -103.931751 W

Sample Retrieval Method: Drill Cuttings

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	☐	0-20'				Red/Brown fine Sand (SP)	None Slight Mod. Strong	
	☐	20-30'				Light red/tan fine Sand (SP) and caliche	None Slight Mod. Strong	
	☐	30-105'				Red/brown fine Sand (SP)	None Slight Mod. Strong	
	☐					__ TD 105' __	None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
Surface Elevation: _____ Notes: Groundwater Not Encountered at 105-feet BGS-72 hr. Logger Initials: <u>DJA</u>								

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
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	☐						None Slight Mod. Strong	
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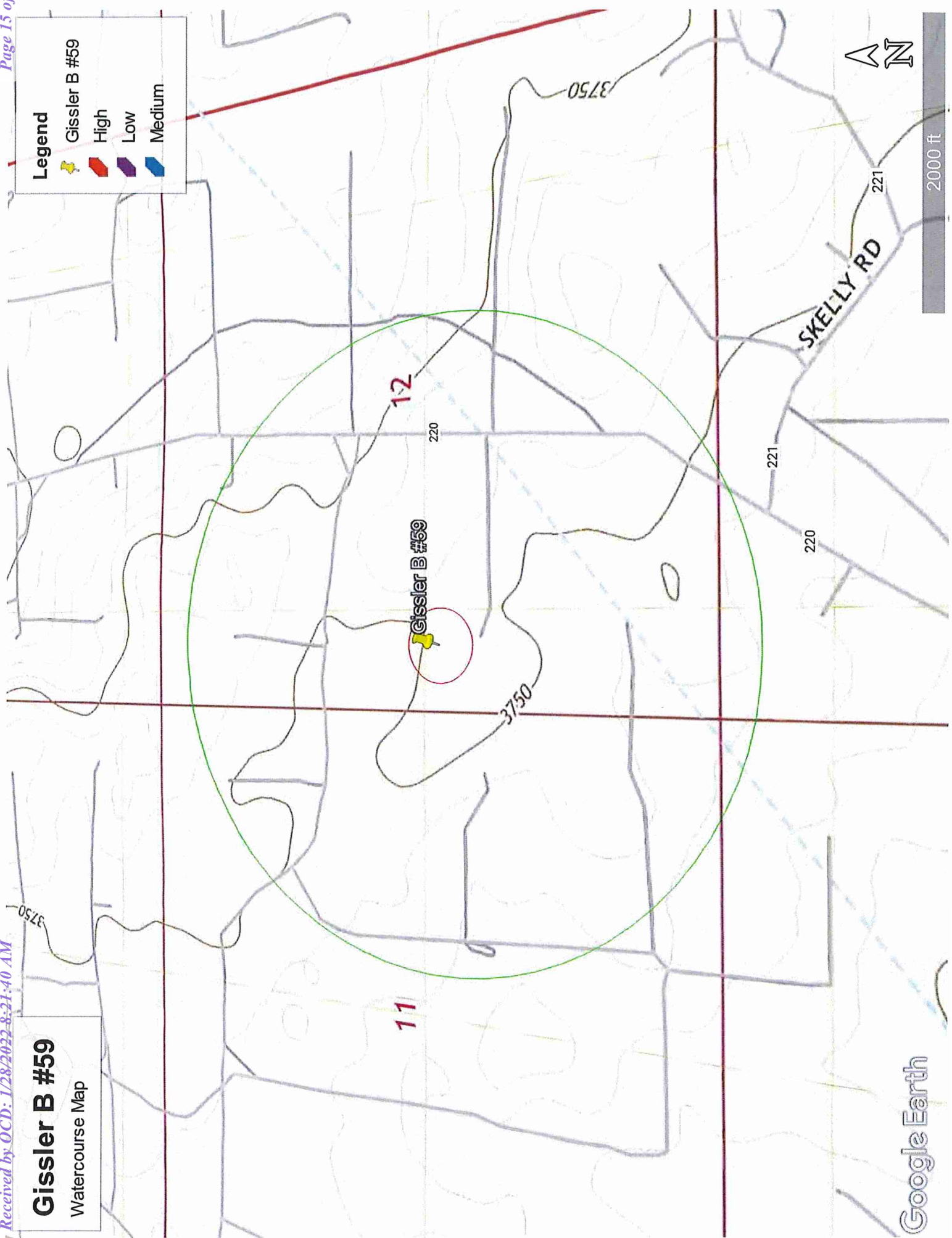
Notes: The borehole was advanced to 105' below ground surface (bgs). A 2-inch diameter temporary well constructed of schedule 40 PVC thread coupled to 10-feet of machine slotted well screen was installed in the open borehole. 72-hours after installation, a Solinst water level meter was utilized to determine the presence or absence of groundwater. The temporary well casing was subsequently removed and the bore hole backfilled with hole plug (bentonite chips) and hydrated.

Gissler B #59

Watercourse Map

Legend

- Gissler B #59
- High
- Low
- Medium



Gissler B #59



1/10/2022, 2:33:10 PM

GIS WATERS PODs

- Pending
- OSE District Boundary
- Both Estates
- Site Boundaries

New Mexico State Trust Lands

1:18,056

0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

OSE POD Locations Web Map
These maps are distributed "as is" without warranty of any kind.



U.S. Fish and Wildlife Service

National Wetlands Inventory

Gissler B #59



January 10, 2022

Wetlands

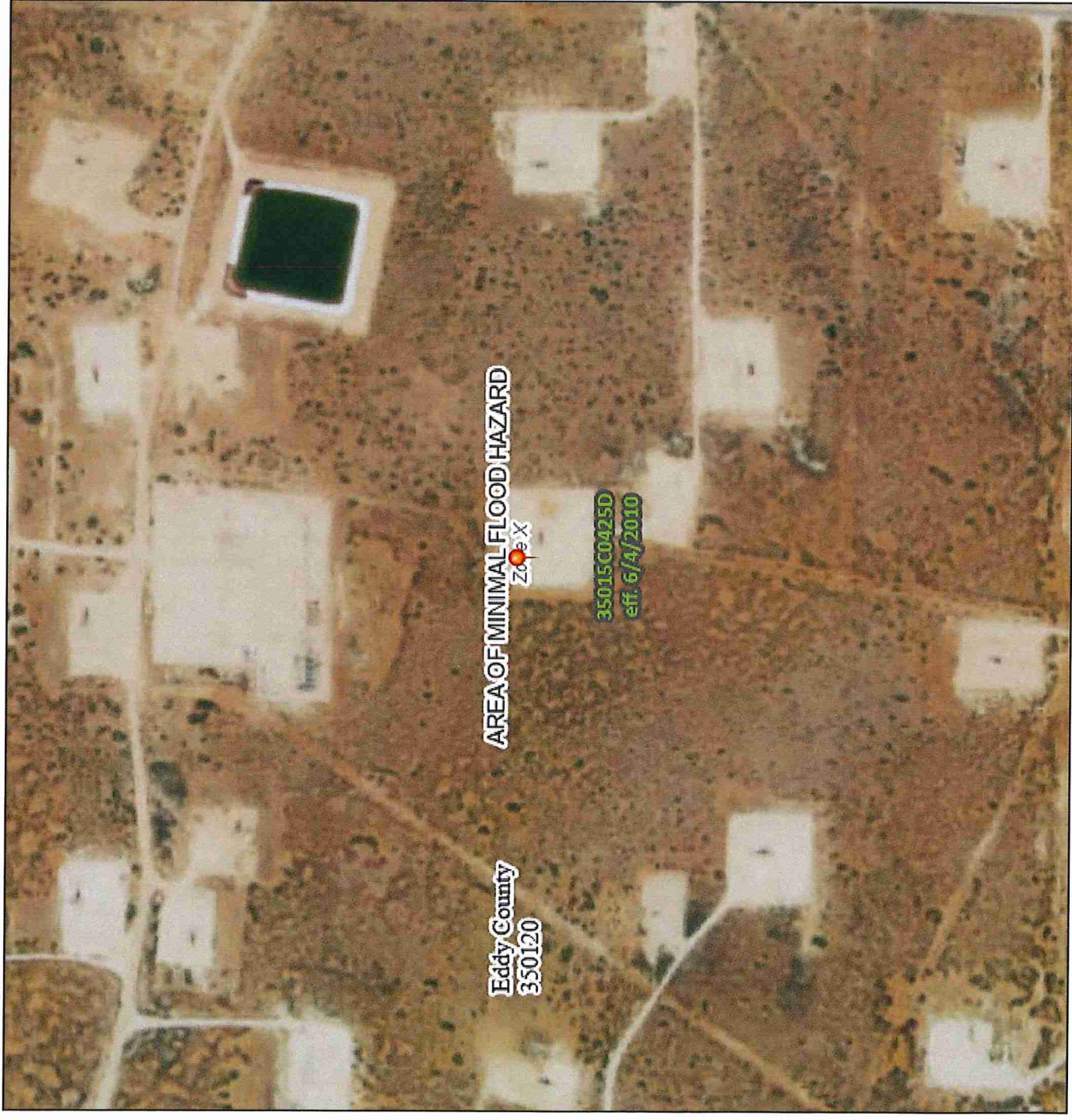
- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond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

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

National Flood Hazard Layer FIRMette



103°56'15"W 32°51'8"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000
Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020
103°55'38"W 32°50'38"N

Legend

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

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes. Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance
- Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/10/2022 at 3:38 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Attachment B Photographic Log

Looking North



Looking Southwest



Site Photograph
EOG Gissler B #59
GHD | Report for EOG | 11230738

Attachment C

Laboratory Analytical Reports and Chain-of-Custody Documentation



Analytical Report

Report Summary

Client: EOG Resources Inc. - Carlsbad

Samples Received: 1/28/2020

Job Number: 19034-0001

Work Order: P001082

Project Name/Location: Glessler B #59

Report Reviewed By:

Date: 1/30/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless indicated otherwise.
Statement of Data Authenticity: Envirotech, Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.
Envirotech, Inc. holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc. holds the Texas TNI certification T104704667-19-2 for the data reported.



FOCI Resources Inc. - Carlisbad	Project Name:	Cisler D #59	Reported:
104 South 4th Street	Project Number:	19034-0001	01/30/20 14:31
Artesia NM, 88210	Project Manager:	Robert Asher	

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-1.1	P001082-01A	Soil	01/20/20	01/28/20	Glass Jar, 4 oz.
S-2.1	P001082-02A	Soil	01/20/20	01/28/20	Glass Jar, 4 oz.
S-3.1	P001082-03A	Soil	01/20/20	01/28/20	Glass Jar, 4 oz.
S-4.1	P001082-04A	Soil	01/20/20	01/28/20	Glass Jar, 4 oz.
S-5.1	P001082-05A	Soil	01/20/20	01/28/20	Glass Jar, 4 oz.
S-6.1	P001082-06A	Soil	01/20/20	01/28/20	Glass Jar, 4 oz.
S-7.1	P001082-07A	Soil	01/20/20	01/28/20	Glass Jar, 4 oz.
S-8.1	P001082-08A	Soil	01/20/20	01/28/20	Glass Jar, 4 oz.
S-9.1	P001082-09A	Soil	01/20/20	01/28/20	Glass Jar, 4 oz.
S-10.1	P001082-10A	Soil	01/20/20	01/28/20	Glass Jar, 4 oz.
S-11.1	P001082-11A	Soil	01/20/20	01/28/20	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

1755 Highway 84, Farmington, NM 87401

Ph (505) 632-0616 Fax (505) 632-1000

24 Hour Emergency Response Phone (800) 351-7070





FOJ Resources Inc. - Crystal 104 South 4th Street Altoona NM, 88210	Project Name: Glasser D #39 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 01/30/20 14:31
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5-1.1
P001082-01 (Solid)

Reporting									
Analyte	Result	Unit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Surrogate: 1,2-Dichlorobenzene-PID		106.9%		50-150	2003015	01/28/20	01/30/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	121	25.0	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8015D	
Oil Range Organics (C28-C40)	67.5	50.0	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8015D	
Surrogate: n-Nonane		95.5%		50-200	2003015	01/28/20	01/30/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8015D	
Surrogate: 1,2-Dichlorobenzene-PID		95.0%		50-150	2003015	01/28/20	01/30/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	1940	20.0	mg/kg	1	2003017	01/28/20	01/30/20	EPA 300.0/9056A	

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EOG Resources Inc. - Carlsbad	Project Name:	Gasler H #50	Reported:
104 South 4th Street	Project Number:	19034-0001	01/30/20 14:31
Alameda NM, 88210	Project Manager:	Robert Asher	

S-2.1

P001082-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Surrogate: 1,2-Dichlorobenzene (DDB)		106%		50-150	2005015	01/28/20	01/30/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	47.9	25.0	mg/kg	1	2005018	01/28/20	01/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2005018	01/28/20	01/29/20	EPA 8015D	
Surrogate: n-Nonane		94.9%		30-200	2005018	01/28/20	01/29/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene (CFB)		94.1%		50-150	2005015	01/28/20	01/30/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	738	20.0	mg/kg	1	2005017	01/28/20	01/28/20	EPA 300.0/9056A	

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EOG Resources Inc. - Carlisle	Project Name:	Giesler B #59	Reported:
104 Squibb 4th Street	Project Number:	19034-0001	01/30/20 14:31
Artesia NM, 88210	Project Manager:	Robert Asher	

S-3.1
P001082-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/29/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Styrene + Bromochlorobenzene-TH		107 %	30-150		2005015	01/28/20	01/30/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/RO									
Diesel Range Organics (C10-C28)	32.1	25.0	mg/kg	1	2005018	01/28/20	01/29/20	EPA 8015B	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2005018	01/28/20	01/29/20	EPA 8015B	
Surrogate: n-Nonane		91.8 %	50-200		2005018	01/28/20	01/29/20	EPA 8015B	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8015B	
Surrogate: 1-Chloro-4-fluorobenzene-F10		91.2 %	50-150		2005015	01/28/20	01/30/20	EPA 8015B	
Anions by 300.0/2056A									
Chloride	516	20.0	mg/kg	1	2005017	01/28/20	01/28/20	EPA 300.0/2056A	

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EOG Resources Inc. - Cat Island	Project Name:	Gissler R #59
104 South 4th Street	Project Number:	19014-0001
Autesia NM, 88210	Project Manager:	Robert Asher
	Reported:	01/30/20 14:31

S-4.1

P001082-04 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2003013	01/28/20	01/30/20	EPA 8021A	
Toluene	ND	0.0250	mg/kg	1	2003012	01/28/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2003013	01/28/20	01/30/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2003013	01/28/20	01/30/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2003013	01/28/20	01/30/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2003013	01/28/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene (BDD)		106 %		50-150	2003013	01/28/20	01/29/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/GRO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2003018	01/28/20	01/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2003018	01/28/20	01/29/20	EPA 8015D	
Surrogate: n-Nonane		93.2 %		50-200	2003018	01/28/20	01/29/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C11)	ND	20.0	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene (FDD)		93.2 %		50-150	2003015	01/28/20	01/30/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	510	20.0	mg/kg	1	2003017	01/28/20	01/28/20	EPA 300.0/9056A	

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EOG Resources Inc. - Carlisle	Project Name:	Cluster D #59	Reported:
104 South 4th Street	Project Number:	10034-000	01/30/20 14:31
Artesia NM, NM210	Project Manager:	Robert Asher	

S-5.1
P001082-05 (Sulph)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		105 %	50-150		2003015	01/28/20	01/30/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/GRO									
Distill Range Organics (C10-C28)	ND	25.0	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8015D	
Surrogate: n-Nonane		90.1 %	30-300		2003015	01/28/20	01/30/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	50-150		2003015	01/28/20	01/30/20	EPA 8015D	
Anions by 300.0/2056A									
Chloride	1060	20.0	mg/kg	1	2003017	01/28/20	01/28/20	EPA 300.0/2056A	

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EOG Resources Inc. - Carlisle	Project Name:	Gissler.D #59	Reported:
164 South 4th Street	Project Number:	19034-0001	01/30/20 14:31
Artesia NM, 88210	Project Manager:	Robert Ashel	

S-6.1
P001082-06 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatiles Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Ethylbenzene	0.0390	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
p,m-Xylene	0.119	0.0500	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
o-Xylene	0.0615	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Total Xylenes	0.180	0.0250	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PHA		100%	50-150		2003015	01/28/20	01/30/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	648	25.0	mg/kg	1	2003015	01/28/20	01/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	231	50.0	mg/kg	1	2003015	01/28/20	01/29/20	EPA 8015D	
Surrogate: n-Nonane		114%	50-200		2003015	01/28/20	01/29/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2003015	01/28/20	01/30/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3%	50-150		2003015	01/28/20	01/30/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	1340	20.0	mg/kg	1	2003017	01/28/20	01/28/20	EPA 300.0/9056A	

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EOG Resources Inc. - Carlsbad	Project Name:	Cislar D #59
104 South 4th Street	Project Number:	19034-0001
Artesia NM, 88210	Project Manager:	Robert Asher
	Reported:	01/30/20 14:31

S-7.1
P001082-07 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Ethylbenzene	0.0254	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromobiphenylene-PID		100 %	50-150		2005015	01/28/20	01/30/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2005015	01/28/20	01/29/20	EPA 8015B	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2005015	01/28/20	01/29/20	EPA 8015B	
Surrogate: n-Nonane		89.8 %	50-200		2005015	01/28/20	01/29/20	EPA 8015B	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8015B	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	50-150		2005015	01/28/20	01/30/20	EPA 8015B	
Anions by 300.0/9056A									
Chloride	417	20.0	mg/kg	1	2005017	01/28/20	01/28/20	EPA 300.0/9056A	

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EOJ Resources Inc. - Carlshad
104 South 4th Street
Alicia NM, 88210

Project Name: Cluster H #59
Project Number: 19034-0001
Project Manager: Robert Asher

Reported:
01/30/20 14:31

S-8.1
POU1082-08 (Solid)

Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Volatiles Organics by EPA 8021								
Benzene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B
Toluene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B
Ethylbenzene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B
p,m-Xylene	ND	0.0500	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B
o-Xylene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B
Total Xylenes	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B
Surrogate: 4-Bromochlorobenzene-PID		167%		50-150	2005015	01/28/20	01/30/20	EPA 8021B
Nonhalogenated Organics by 8015 - DRO/ORO								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2005018	01/28/20	01/29/20	EPA 8015B
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2005018	01/28/20	01/29/20	EPA 8015B
Surrogate: n-Nonane		88.4%		50-200	2005018	01/28/20	01/29/20	EPA 8015B
Nonhalogenated Organics by 8015 - GRO								
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8015B
Surrogate: 1-Chloro-1,2-Dichlorobenzene-PID		94.3%		50-150	2005015	01/28/20	01/30/20	EPA 8015B
Anions by 300.0/9056A								
Chloride	682	20.0	mg/kg	1	2005017	01/28/20	01/28/20	EPA 300.0/9056A

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EOQ Resources Inc. - Carlsbad	Project Name:	Cassler B #59
101 South 4th Street	Project Number:	19034-0901
Arcadia NM, 88210	Project Manager:	Robert Asher
	Reported:	01/30/20 14:31

S-9.1
P001082-09 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Surrogate: 4-Fluorobenzene-PID		100%		50-150	2005015	01/28/20	01/30/20	EPA 8021B	
Nonhalogenated Organics by 8015 - BRO/RO									
Diesel Range Organics (C10-C28)	169	25.0	mg/kg	1	2005018	01/28/20	01/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	74.8	50.0	mg/kg	1	2005018	01/28/20	01/29/20	EPA 8015D	
Surrogate: n-Nonane		93.5%		50-200	2005018	01/28/20	01/29/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8015D	
Surrogate: 1-Chloro-4-Fluorobenzene-PID		93.9%		50-150	2005015	01/28/20	01/30/20	EPA 8015D	
Anions by 300.0/2056A									
Chloride	608	20.0	mg/kg	1	2005017	01/28/20	01/28/20	EPA 300.0/2056A	

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EDG Resources Inc. - Carlstad 104 South 4th Street Artesia NM, 88210	Project Name: Gissler H #59. Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 01/30/20 14:31
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S-10.1
P001082-10 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2005013	01/28/20	01/30/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2005013	01/28/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2005013	01/28/20	01/30/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2005013	01/28/20	01/30/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2005013	01/28/20	01/30/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2005013	01/28/20	01/30/20	EPA 8021B	
Surrogate: 4-Dibromochlorobenzene-PID		107%		50-150	2005013	01/28/20	01/30/20	EPA 8021B	
Nonhalogenated Organics by 8015 - HRO/ORO									
Diesel Range Organics (C10-C28)	569	25.0	mg/kg	1	2005013	01/28/20	01/30/20	EPA 8015D	
Oil Range Organics (C28-C40)	213	50.0	mg/kg	1	2005013	01/28/20	01/30/20	EPA 8015D	
Surrogate: n-Nonane		113%		50-200	2005013	01/28/20	01/30/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2005013	01/28/20	01/30/20	EPA 8015D	
Surrogate: 1-Chloro-1-fluorobenzene-PID		93.0%		50-150	2005013	01/28/20	01/30/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	563	20.0	mg/kg	1	2005017	01/28/20	01/30/20	EPA 8060/9016A	

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24 Hour Emergency Response Phone (800) 362-1879





EOG Resources Inc. - Carlisbad	Project Name:	Gisela B #59	Reported:
104 South 4th Street	Project Number:	19034-0011	01/30/20 14:31
Artesia NM, 88210	Project Manager:	Robert Ashier	

S-11.1
P001082-11 (Solid)

Reporting									
Analyte	Result	Limit	Unit	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-P10		106 %		50-150	2005015	01/28/20	01/30/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	31.7	25.0	mg/kg	1	2005018	01/28/20	01/29/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2005018	01/28/20	01/29/20	EPA 8015D	
Surrogate: n-Nonane		89.1 %		50-200	2005018	01/28/20	01/29/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2005015	01/28/20	01/30/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-F10		91.1 %		50-150	2005015	01/28/20	01/30/20	EPA 8015D	
Anions by 300.0/9036A									
Chloride	150	20.0	mg/kg	1	2005017	01/28/20	01/28/20	EPA 300.0/9036A	

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EOG Resources Inc. - Carlsbad	Project Name:	Gissler D #59	Report#:
104 South 4th Street	Project Number:	19034-0001	01/30/20 14:21
Arlene NM, 88210	Project Manager:	Robert Asher	

Volatile Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Unit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2005015 - Purge and Trap EPA 5030A										
Blank (2005015-BL.R1)				Prepared: 01/28/20 Analyzed: 01/29/20						
Benzene	ND	0.0250	ug/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0750	"							
Total Xylenes	ND	0.0750	"							
Surrogate: 4-Bromobenzonitrile-PID	4.59		"	5.00		104	90-110			
LCS (2005015-MS1)				Prepared: 01/28/20 Analyzed: 01/29/20						
Benzene	5.14	0.0250	ug/kg	5.00	ND	107	70-130			
Toluene	5.14	0.0250	"	5.00	ND	107	70-130			
Ethylbenzene	5.11	0.0250	"	5.00	ND	106	70-130			
p,m-Xylene	10.6	0.0500	"	10.0	ND	106	70-130			
o-Xylene	5.11	0.0250	"	5.00	ND	107	70-130			
Total Xylenes	15.9	0.0750	"	15.0	ND	106	70-130			
Surrogate: 4-Bromobenzonitrile-PID	8.15		"	8.00		107	50-110			
Matrix Spike (2005015-MS1)				Source: P001075-01 Prepared: 01/28/20 Analyzed: 01/29/20						
Benzene	5.65	0.0250	ug/kg	5.00	ND	101	54.3-133			
Toluene	5.65	0.0250	"	5.00	ND	101	61.4-130			
Ethylbenzene	5.61	0.0250	"	5.00	ND	100	61.4-133			
p,m-Xylene	10.0	0.0500	"	10.0	ND	100	63.3-131			
o-Xylene	5.05	0.0250	"	5.00	ND	101	63.3-131			
Total Xylenes	15.1	0.0750	"	15.0	ND	100	63.3-131			
Surrogate: 4-Bromobenzonitrile-PID	8.65		"	8.00		103	50-110			
Matrix Spike Dup (2005015-MSD1)				Source: P001075-01 Prepared: 01/28/20 Analyzed: 01/29/20						
Benzene	5.17	0.0250	ug/kg	5.00	ND	103	54.3-133	7.91	20	
Toluene	5.13	0.0250	"	5.00	ND	103	61.4-130	1.00	20	
Ethylbenzene	5.12	0.0250	"	5.00	ND	102	61.4-133	3.14	20	
p,m-Xylene	10.2	0.0500	"	10.0	ND	102	63.3-131	2.07	20	
o-Xylene	5.15	0.0250	"	5.00	ND	103	63.3-131	1.93	20	
Total Xylenes	15.4	0.0750	"	15.0	ND	102	63.3-131	2.01	20	
Surrogate: 4-Bromobenzonitrile-PID	8.63		"	8.00		103	50-110			

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EOC Resources Inc. - Carlsbad	Project Name:	Gissler D #59
104 South 4th Street	Project Number:	19034-0001
Artesia NM, 92010	Project Manager:	Robert Asher
		Reported: 01/30/20 14:31

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RMSE Limit	RPD	RMSE Limit	Notes
Batch 2005018 - DRO Extraction EPA 3570										
Blank (2005018-BLANK)										
				Prepared: 01/28/20 Analyzed: 01/29/20						
Diesel Range Organics (C10-C28)	ND	25.0	mg/L							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	33.0		"	50.0		100	30-260			
1,CS (2005018-DS1)										
				Prepared: 01/28/20 Analyzed: 01/29/20						
Diesel Range Organics (C10-C28)	442	25.0	mg/kg	500		89.3	30-131			
Surrogate: n-Nonane	22.2		"	50.0		100.0	30-260			
Matrix Spike (2005018-MS1)										
				Source: P001084-01 Prepared: 01/28/20 Analyzed: 01/29/20						
Diesel Range Organics (C10-C28)	1450	25.0	mg/kg	500	170	241	30-131			M1
Surrogate: n-Nonane	17.3		"	50.0		11.0	30-260			
Matrix Spike Dup (2005018-MSD1)										
				Source: P001084-01 Prepared: 01/28/20 Analyzed: 01/29/20						
Diesel Range Organics (C10-C28)	1570	25.0	mg/kg	500	225	150	30-131	2.10	30	M2
Surrogate: n-Nonane	17.7		"	50.0		92.3	30-260			

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24 Hour Emergency Response Phone (800) 302-1079





EOG Resources Inc. - Carlsbad	Project Name: Gissler D #59	Reported: 01/30/20 14:31
104 South 4th Street	Project Number: 19034-0001	
Artesia NM, 88210	Project Manager: Robert Asher	

Nonhalogenated Organics by 8015 - GRC - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%RBC	%REC Limit	RPD	RPD Limit	Notes
Batch 2005015 - Purge and Trap EPA 5030A										
Blank (2005015-BL1C1)					Prepared: 01/28/20 Analyzed: 01/29/20					
Gasoline Range Organics (C6-C10)	0.0	20.0	mg/kg							
Surgeate: 1,4-Dichlorobenzene-FID	7.0		"	5.0		0.0	70-130			
LCS (2005015-B31)					Prepared: 01/28/20 Analyzed: 01/29/20					
Gasoline Range Organics (C6-C10)	44.3	20.0	mg/kg	50.0		0.9	70-130			
Surgeate: 1,4-Dichlorobenzene-FID	3.6		"	5.0		0.7	70-130			
Matrix Spike (2005015-MS2)					Source: P001075-01 Prepared: 01/28/20 Analyzed: 01/29/20					
Gasoline Range Organics (C6-C10)	43.0	20.0	mg/kg	50.0	ND	33.9	70-130			
Surgeate: 1,4-Dichlorobenzene-FID	7.7		"	5.0		0.8	70-130			
Matrix Spike Dup (2005015-MSD2)					Source: P001075-01 Prepared: 01/28/20 Analyzed: 01/29/20					
Gasoline Range Organics (C6-C10)	44.3	20.0	mg/kg	50.0	ND	33.6	70-130	1.49	30	
Surgeate: 1,4-Dichlorobenzene-FID	7.0		"	5.0		0.6	70-130			

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5726 Highway 64, Fayetteville, NM 87401

Ph: (505) 637-6615 Fax: (505) 632-1865

24 Hour Emergency Response Phone: (800) 352-1079





ROI Resources Inc. - Carlisbad	Project Name:	Gisler D 059	Reported:
104 South 4th Street	Project Number:	19034-0001	01/30/20 14:31
Artesia NM, 80210	Project Manager:	Robert Aslett	

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	SRUC	SRUC Limit	RPD	RPD Limit	Notes
Batch 2005017 - Anion Extraction EPA 300.0/9056A										
Blank (2005017-BL.K1)					Prepared & Analyzed: 01/28/201					
Chloride	901	20.0	mg/L							
LCS (2005017-BL1)					Prepared & Analyzed: 01/28/201					
Chloride	247	20.0	mg/L	250	250	98.8	98.8-110			
Matrix Spike (2005017-MS1)					Prepared & Analyzed: 01/28/201					
Chloride	1100	20.0	mg/L	110	110	95.7	88-120			
Matrix Spike Dup (2005017-MSD1)					Prepared & Analyzed: 01/28/201					
Chloride	1150	20.0	mg/L	110	110	112	88-120	4.77	30	

QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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EOG Resources Inc. - Carlisbad
104 South 4th Street
Artesia NM, 88210

Project Name: Gissler R #59
Project Number: 19034-0001
Project Manager: Robert Asher

Report:
01/30/20 14:31

Notes and Definitions

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- Nit Not Reported
- RPD Relative Percent Difference
- ** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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24 Hour Emergency Response Phone (505) 362-1979



Chain of Custody										Page 1 of 2	
Project Information				Report Attention				Lab Use Only		EPA Program	
Client: EDC Resources, Inc.				Report due by: 1/30/2020				Lab WQ# P001082		TAT 1D 3D X	
Project: Gissler B #59				Attention: Robert Asher				Job Number 19034-0001		RCRA GWA SDWA	
Project Manager: Robert Asher				Address: 104 South 4th Street				Analysis and Method		State	
Address: 104 South 4th Street				City, State, Zip Artesia, NM 88210						NM CO UT AZ	
City, State, Zip Artesia, NM 88210				Phone: (575) 748-4217						X	
Phone: (575) 748-4217				Email: robert.asher@edcreources.com							
Email: robert.asher@edcreources.com											
Time Sampled	Date Sampled	Matrix	In Container	Sample ID	Lab Number	DO/DOC by 8015	DOC/DOC by 8015	DOC by 8260	DOC by 8260	Remarks	
12:33 PM	1/20/20	S	1	S-1.1	1	X	X	X	X	BGDOC	
12:42 PM	1/20/20	S	1	S-2.1	2	X	X	X	X	BGDOC	
12:44 PM	1/20/20	S	1	S-3.1	3	X	X	X	X	BGDOC	
12:47 PM	1/20/20	S	1	S-4.1	4	X	X	X	X	BGDOC	
12:51 PM	1/20/20	S	1	S-5.1	5	X	X	X	X	BGDOC	
12:55 PM	1/20/20	S	1	S-6.1	6	X	X	X	X	BGDOC	
1:00 PM	1/20/20	S	1	S-7.1	7	X	X	X	X	BGDOC	
1:05 PM	1/20/20	S	1	S-8.1	8	X	X	X	X	BGDOC	
						X	X	X	X	BGDOC	
						X	X	X	X	BGDOC	

Additional Instructions:
 PO# 205652

I, (holder sample), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be prosecuted under federal law. Sampled by:

Relinquished by: (Signature) Date 1/22/2020 Time 3:27 PM
 Relinquished by: (Signature) Date 1/23/2020 Time 9:30 PM

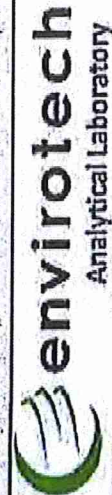
Received by: (Signature) Date 1/23/2020 Time 9:30 PM
 Received by: (Signature) Date 1/23/2020 Time 9:30 PM

Sample Matrix: S - Soil, SD - Solid, LG - Sludge, A - Aqueous, O - Other
 Notes: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to these samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Container Type: 2 - Glass, P - Poly/plastic, 3G - amber glass, V - VOA
 Container ID: 1123120
 Container Date: 1/23/2020
 Container Time: 9:30 PM

Received on: 1/23/2020
 Received by: (Signature) Date 1/23/2020 Time 9:30 PM
 Received by: (Signature) Date 1/23/2020 Time 9:30 PM

AVG Temp: °C 41.12 °F 106.016



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envirotech inc
 10000 E. 10th Street, Suite 100
 Farmington, NM 87401

Project Information				Chain of Custody				Page 2 of 2			
Client: EQS Resources, Inc.				Report Attention				Lab Use Only			
Project: Gessler B #59				Report due by: 1/30/2020				Job Number: 19034-0001			
Project Manager: Robert Asher				Attention: Robert Asher				TAT			
Address: 104 South 4th Street				Address: 104 South 4th Street				1D 3D RCRA CWA SDWA			
City, State, Zip: Artesia, NM 88210				City, State, Zip: Artesia, NM 88210				Analysis and Method			
Phone: (575) 748-4217				Phone: (575) 748-4217				State			
Email: robert_asher@eqresources.com				Email: robert_asher@eqresources.com				NM CO UT AZ			
Time Sampled				Date Sampled				Matrix			
1:09 PM				1/20/20				S			
1:13 PM				1/20/20				S			
1:15 PM				1/20/20				S			
1:16 PM				1/20/20				S			
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Analytical Report

Report Summary

Client: EOG Resources Inc. - Carlsbad

Samples Received: 2/14/2020

Job Number: 19034-0001

Work Order: P002037

Project Name/Location: Gissler B #59

Report Reviewed By:

Date: 2/18/20

Walter Hinchman, Laboratory Director



Envirotech, Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc. attests the data reported has not been altered in any way.
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Envirotech, Inc. holds the Texas TNI certification T104704557-19-2 for the data reported.

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Page 1 of 10



EOG Resources Inc. - Cadybyd	Project Name:	Clister N #59	Reported: 02/18/20 13:29
104 South 4th Street	Project Number:	19034-0001	
Atlesia NM, 88210	Project Manager:	Robert Asher	

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-1.A	P002037-01A	Soil	02/12/20	02/14/20	Glass Jar, 4 oz.
SW-1.U	P002037-02A	Soil	02/12/20	02/14/20	Glass Jar, 4 oz.

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EOC Resources Inc - Carlsbad	Project Name:	Gisler B #59	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	02/18/20 13:29

SW-1.A
P002037-01 (Solid)

Repeating									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatiles Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101%		50-150	2007023	02/14/20	02/16/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/RO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8015D	
Surrogate: n-Nonane		92.7%		50-200	2007023	02/14/20	02/16/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8015D	
Surrogate: 1-Chloro-2-fluorobenzene-PID		88.1%		50-150	2007023	02/14/20	02/16/20	EPA 8015D	
Anions by 300.0/2056A									
Chloride	301	20.0	mg/kg	1	2007038	02/14/20	02/14/20	EPA 300.0/2056A	

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ROK Resources Inc. - Carlisbad 104 South 4th Street Artesia NM, 88210	Project Name: Gissler R #59 Project Number: 19034-0001 Project Manager: Robert Adler	Reported: 02/18/20 13:29
---	--	-----------------------------

SW-1.B
P002037-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2007023	02/11/20	02/16/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2007023	02/11/20	02/16/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2007023	02/11/20	02/16/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2007023	02/11/20	02/16/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2007023	02/11/20	02/16/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2007023	02/11/20	02/16/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %		50-150	2007023	02/11/20	02/16/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2007025	02/11/20	02/16/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2007025	02/11/20	02/16/20	EPA 8015D	
Surrogate: n-Nonane		92.5 %		50-200	2007025	02/11/20	02/16/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2007023	02/11/20	02/16/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-PID		82.9 %		50-150	2007023	02/11/20	02/16/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	60.4	20.0	mg/kg	1	2007028	02/11/20	02/16/20	EPA 300.0/9056A	

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ROU Resources Inc. - Carlisle	Project Name: Gisher B-59	Reported: 02/18/20 13:29
104 South 4th Street	Project Number: 19034-0001	
Artesia NM, 88210	Project Manager: Robert Aslett	

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch 2007023 - Purge and Trap EPA 5030A

Blank (2007023-BL(K1))

Prepared: 02/14/20 0 Analyzed: 02/16/20 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 1-Bromochlorobenzene-PID	0.01		"	1.00		100	10-250			

ICS (2007023-MS1)

Prepared: 02/14/20 0 Analyzed: 02/16/20 1

Benzene	1.70	0.0250	mg/kg	5.00	0.0170	91.7	10-120			
Toluene	1.83	0.0250	"	5.00	0.0183	96.7	10-120			
Ethylbenzene	0.70	0.0250	"	5.00	0.0070	93.2	10-120			
p,m-Xylene	9.44	0.0500	"	10.0	0.0944	94.4	10-120			
o-Xylene	1.73	0.0250	"	5.00	0.0173	94.4	10-120			
Total Xylenes	14.2	0.0250	"	15.0	0.142	94.6	0-200			
Surrogate: 1-Bromochlorobenzene-PID	8.33		"	10.0	0.0833	103	10-120			

Matrix Spike (2007023-MS1)

Source: P002033-01

Prepared: 02/14/20 0 Analyzed: 02/16/20 1

Benzene	4.98	0.0250	mg/kg	5.00	0.0498	99.7	61.3-133			
Toluene	5.03	0.0250	"	5.00	0.0503	100	61.3-130			
Ethylbenzene	4.95	0.0250	"	5.00	0.0495	99.1	61.3-133			
p,m-Xylene	9.85	0.0500	"	10.0	0.0985	98.5	61.3-131			
o-Xylene	4.99	0.0250	"	5.00	0.0499	99.8	61.3-131			
Total Xylenes	19.7	0.0250	"	15.0	0.197	94.3	0-200			
Surrogate: 1-Bromochlorobenzene-PID	8.14		"	10.0	0.0814	102	10-120			

Matrix Spike Dup (2007023-MSD1)

Source: P002033-01

Prepared: 02/14/20 0 Analyzed: 02/16/20 1

Benzene	5.03	0.0250	mg/kg	5.00	0.0503	99.4	61.3-133	0.650	20	
Toluene	5.12	0.0250	"	5.00	0.0512	102	61.3-130	1.69	20	
Ethylbenzene	5.01	0.0250	"	5.00	0.0501	101	61.3-133	1.54	20	
p,m-Xylene	10.0	0.0500	"	10.0	0.100	100	61.3-131	1.71	20	
o-Xylene	5.01	0.0250	"	5.00	0.0501	101	61.3-131	2.61	20	
Total Xylenes	15.0	0.0250	"	15.0	0.150	100	0-200	2.01	200	
Surrogate: 1-Bromochlorobenzene-PID	8.14		"	10.0	0.0814	101	10-120			

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EOG Resources Inc. - Carlshad	Project Name:	Gisler B #59	Reported:
104 South 4th Street	Project Number:	19014-0001	02/18/20 13:29
Artesia NM, 88210	Project Manager:	Robert Adler	

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Noise
Batch 2007025 - DRO Extraction EPA 3570										
Blank (2007025-BL1C1)					Prepared: 02/14/20 0 Analyzed: 02/14/20 1					
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	31.7		"	50.0		100	50-200			
LCS (2007025-BL1)					Prepared: 02/14/20 0 Analyzed: 02/14/20 1					
Diesel Range Organics (C10-C28)	416	25.0	mg/kg	500		123	25-132			
Surrogate: n-Nonane	78.3		"	10.0		96.9	50-200			
Matrix Spike (2007025-MS1)					Source: P002033-01	Prepared: 02/14/20 0 Analyzed: 02/14/20 1				
Diesel Range Organics (C10-C28)	473	25.0	mg/kg	500	ND	0.13	25-132			
Surrogate: n-Nonane	11.0		"	50.0		100	50-200			
Matrix Spike Dup (2007025-MSD1)					Source: P002033-01	Prepared: 02/14/20 0 Analyzed: 02/17/20 1				
Diesel Range Organics (C10-C28)	465	25.0	mg/kg	500	ND	0.11	25-132	1.4%	20	
Surrogate: n-Nonane	49.6		"	50.0		100	50-200			

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BOG Resources Inc. - Carlisle	Project Name:	Glister H #59
104 South 4th Street	Project Number:	19034-0001
Artesian NM, 88210	Project Manager:	Robert Asher
	Reported:	02/18/20 13:29

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2007023 - Purge and Trap EPA 5030A										
Blank (2007023-BLANK)				Prepared: 02/14/200 Analyzed: 02/16/201						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-2-fluorobenzene-FID	7.03			0.00		85.0	70-130			
LCS (2007023-LCS2)				Prepared: 02/14/200 Analyzed: 02/16/201						
Gasoline Range Organics (C6-C10)	43.5	20.0	mg/kg	50.0		97.3	70-130			
Surrogate: 1-Chloro-2-fluorobenzene-FID	7.14			0.00		83.3	70-130			
Matrix Spike (2007023-MS2)				Source: P002033-01 Prepared: 02/14/200 Analyzed: 02/16/201						
Gasoline Range Organics (C6-C10)	49.2	20.0	mg/kg	50.0	ND	98.4	70-130			
Surrogate: 1-Chloro-2-fluorobenzene-FID	7.04			0.00		85.0	70-130			
Matrix Spike Dup (2007023-MSD2)				Source: P002033-01 Prepared: 02/14/200 Analyzed: 02/16/201						
Gasoline Range Organics (C6-C10)	45.7	20.0	mg/kg	50.0	ND	92.5	70-130	3.16	26	
Surrogate: 1-Chloro-2-fluorobenzene-FID	7.13			0.00		85.3	70-130			

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EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Glasier II #59 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 03/10/20 13:29
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Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2007028 - Anion Extraction EPA 300.0/9056A										
Blank (2007028-BLK1)				Prepared & Analyzed: (02/14/201)						
Chloride	901	30.0	mg/L							
LCS (2007028-LCS1)				Prepared & Analyzed: (02/14/201)						
Chloride	248	20.0	mg/L	250		99.2	95-110			
Matrix Spike (2007028-MS1)				Source: P002033-01 Prepared & Analyzed: (02/14/201)						
Chloride	2560	20.0	mg/L	250	1720	217	80-120			MT
Matrix Spike Dup (2007028-MSD1)				Source: P002033-01 Prepared & Analyzed: (02/14/201)						
Chloride	1910	20.0	mg/L	250	1720	60.7	20-120	14.8	20	

QC Summary Report

Comment:

Calculations are based on the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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EOG Resources Inc. - Carlsbad	Project Name:	Classier B #59	Reported:
104 Smith 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Robert Asher	02/18/20 13:29

Notes and Definitions

M1 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Page 9 of 10

Project Information

Chain of Custody

[illegible]

Report to:
Becky Haskell



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Gissler B #59

Work Order: E111085

Job Number: 19034-0001

Received: 11/4/2021

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/16/21

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Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)



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Farmington, NM 87401

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



Date Reported: 11/16/21

Becky Haskell
6121 Indian School Rd. NE #200
Albuquerque, NM 87110



Project Name: Gissler B #59
Workorder: E111085
Date Received: 11/4/2021 9:15:00AM

Becky Haskell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2021 9:15:00AM, under the Project Name: Gissler B #59.

The analytical test results summarized in this report with the Project Name: Gissler B #59 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

GHD	Project Name:	Gissler B #59	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	11/16/21 17:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-1.1A	E111085-01A	Soil	11/02/21	11/04/21	Glass Jar, 4 oz.
S-2.1A	E111085-02A	Soil	11/02/21	11/04/21	Glass Jar, 4 oz.
S-5.1A	E111085-03A	Soil	11/02/21	11/04/21	Glass Jar, 4 oz.
S-6.1A	E111085-04A	Soil	11/02/21	11/04/21	Glass Jar, 4 oz.
S-8.1A	E111085-05A	Soil	11/02/21	11/04/21	Glass Jar, 4 oz.
S-9.1A	E111085-06A	Soil	11/02/21	11/04/21	Glass Jar, 4 oz.
S-10.1A	E111085-07A	Soil	11/02/21	11/04/21	Glass Jar, 4 oz.



Sample Data

GHD	Project Name:	Gissler B #59	Reported: 11/16/2021 5:27:01PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	

S-1.1A

E111085-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2146007	
Benzene	ND	0.0250	1	11/08/21	11/09/21	
Ethylbenzene	ND	0.0250	1	11/08/21	11/09/21	
Toluene	ND	0.0250	1	11/08/21	11/09/21	
o-Xylene	ND	0.0250	1	11/08/21	11/09/21	
p,m-Xylene	ND	0.0500	1	11/08/21	11/09/21	
Total Xylenes	ND	0.0250	1	11/08/21	11/09/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.3 %	70-130		11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2146007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/21	11/09/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	105 %	70-130		11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2146031	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/21	11/09/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/21	11/09/21	
<i>Surrogate: n-Nonane</i>	112 %	50-200		11/09/21	11/09/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2146019	
Chloride	293	20.0	1	11/08/21	11/09/21	



Sample Data

GHD	Project Name:	Gissler B #59	Reported: 11/16/2021 5:27:01PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	

S-2.1A

E111085-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2146007
Benzene	ND	0.0250	1	11/08/21	11/09/21	
Ethylbenzene	ND	0.0250	1	11/08/21	11/09/21	
Toluene	ND	0.0250	1	11/08/21	11/09/21	
o-Xylene	ND	0.0250	1	11/08/21	11/09/21	
p,m-Xylene	ND	0.0500	1	11/08/21	11/09/21	
Total Xylenes	ND	0.0250	1	11/08/21	11/09/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.9 %	70-130	11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2146007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/21	11/09/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2146031
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/21	11/09/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/21	11/09/21	
<i>Surrogate: n-Nonane</i>		109 %	50-200	11/09/21	11/09/21	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2146019
Chloride	ND	20.0	1	11/08/21	11/09/21	



Sample Data

GHD	Project Name:	Gissler B #59	Reported: 11/16/2021 5:27:01PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	

S-5.1A

E111085-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2146007	
Benzene	ND	0.0250	1	11/08/21	11/09/21	
Ethylbenzene	ND	0.0250	1	11/08/21	11/09/21	
Toluene	ND	0.0250	1	11/08/21	11/09/21	
o-Xylene	ND	0.0250	1	11/08/21	11/09/21	
p,m-Xylene	ND	0.0500	1	11/08/21	11/09/21	
Total Xylenes	ND	0.0250	1	11/08/21	11/09/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.9 %	70-130		11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2146007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/21	11/09/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.3 %	70-130		11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2146031	
Diesel Range Organics (C10-C28)	28.9	25.0	1	11/09/21	11/09/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/21	11/09/21	
<i>Surrogate: n-Nonane</i>	99.6 %	50-200		11/09/21	11/09/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2146019	
Chloride	ND	20.0	1	11/08/21	11/09/21	



Sample Data

GHD	Project Name:	Gissler B #59	Reported: 11/16/2021 5:27:01PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	

S-6.1A

E111085-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2146007
Benzene	ND	0.0250	1	11/08/21	11/09/21	
Ethylbenzene	ND	0.0250	1	11/08/21	11/09/21	
Toluene	ND	0.0250	1	11/08/21	11/09/21	
o-Xylene	ND	0.0250	1	11/08/21	11/09/21	
p,m-Xylene	ND	0.0500	1	11/08/21	11/09/21	
Total Xylenes	ND	0.0250	1	11/08/21	11/09/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.4 %	70-130	11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2146007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/21	11/09/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.4 %	70-130	11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2146031
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/21	11/09/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/21	11/09/21	
<i>Surrogate: n-Nonane</i>		96.7 %	50-200	11/09/21	11/09/21	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2146019
Chloride	47.8	20.0	1	11/08/21	11/09/21	



Sample Data

GHD	Project Name:	Gissler B #59	Reported: 11/16/2021 5:27:01PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	

S-8.1A

E111085-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: IY		Batch: 2146007
Benzene	ND	0.0250	1	11/16/21	11/16/21	H4
Ethylbenzene	ND	0.0250	1	11/16/21	11/16/21	H4
Toluene	ND	0.0250	1	11/16/21	11/16/21	H4
o-Xylene	ND	0.0250	1	11/16/21	11/16/21	H4
p,m-Xylene	ND	0.0500	1	11/16/21	11/16/21	H4
Total Xylenes	ND	0.0250	1	11/16/21	11/16/21	H4
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	11/16/21	11/16/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2146007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/21	11/16/21	H4
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		103 %	70-130	11/16/21	11/16/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2146051
Diesel Range Organics (C10-C28)	57.7	25.0	1	11/15/21	11/16/21	
Oil Range Organics (C28-C36)	61.9	50.0	1	11/15/21	11/16/21	
<i>Surrogate: n-Nonane</i>		99.8 %	50-200	11/15/21	11/16/21	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2146019
Chloride	ND	20.0	1	11/12/21	11/12/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gissler B #59
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
11/16/2021 5:27:01PM

S-9.1A

E111085-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2146007
Benzene	ND	0.0250	1	11/08/21	11/09/21	
Ethylbenzene	ND	0.0250	1	11/08/21	11/09/21	
Toluene	ND	0.0250	1	11/08/21	11/09/21	
o-Xylene	ND	0.0250	1	11/08/21	11/09/21	
p,m-Xylene	ND	0.0500	1	11/08/21	11/09/21	
Total Xylenes	ND	0.0250	1	11/08/21	11/09/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.9 %	70-130	11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2146007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/21	11/09/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2146031
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/21	11/09/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/21	11/09/21	
<i>Surrogate: n-Nonane</i>		100 %	50-200	11/09/21	11/09/21	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2146019
Chloride	ND	20.0	1	11/08/21	11/10/21	



Sample Data

GHD	Project Name:	Gissler B #59	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Becky Haskell	11/16/2021 5:27:01PM

S-10.1A

E111085-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2146007
Benzene	ND	0.0250	1	11/08/21	11/09/21	
Ethylbenzene	ND	0.0250	1	11/08/21	11/09/21	
Toluene	ND	0.0250	1	11/08/21	11/09/21	
o-Xylene	ND	0.0250	1	11/08/21	11/09/21	
p,m-Xylene	ND	0.0500	1	11/08/21	11/09/21	
Total Xylenes	ND	0.0250	1	11/08/21	11/09/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.8 %	70-130	11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2146007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/21	11/09/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.1 %	70-130	11/08/21	11/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2146031
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/21	11/09/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/21	11/09/21	
<i>Surrogate: n-Nonane</i>		103 %	50-200	11/09/21	11/09/21	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2146019
Chloride	ND	20.0	1	11/08/21	11/10/21	



QC Summary Data

GHD	Project Name:	Gissler B #59	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	11/16/2021 5:27:01PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2146007-BLK1)

Prepared: 11/08/21 Analyzed: 11/09/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.9	70-130			

LCS (2146007-BS1)

Prepared: 11/08/21 Analyzed: 11/09/21

Benzene	4.83	0.0250	5.00		96.7	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.5	70-130			
Toluene	5.08	0.0250	5.00		102	70-130			
o-Xylene	4.80	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
Total Xylenes	14.7	0.0250	15.0		98.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			

LCS Dup (2146007-BSD1)

Prepared: 11/08/21 Analyzed: 11/09/21

Benzene	5.00	0.0250	5.00		100	70-130	3.42	20	
Ethylbenzene	5.04	0.0250	5.00		101	70-130	3.29	20	
Toluene	5.21	0.0250	5.00		104	70-130	2.62	20	
o-Xylene	4.95	0.0250	5.00		99.1	70-130	3.24	20	
p,m-Xylene	10.2	0.0500	10.0		102	70-130	3.14	20	
Total Xylenes	15.2	0.0250	15.0		101	70-130	3.17	20	
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.7	70-130			



QC Summary Data

GHD	Project Name:	Gissler B #59	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	11/16/2021 5:27:01PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2146007-BLK1)

Prepared: 11/08/21 Analyzed: 11/09/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.38		8.00		105	70-130			

LCS (2146007-BS2)

Prepared: 11/08/21 Analyzed: 11/09/21

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			

LCS Dup (2146007-BSD2)

Prepared: 11/08/21 Analyzed: 11/09/21

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.2	70-130	0.226	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.53		8.00		107	70-130			



QC Summary Data

GHD	Project Name:	Gissler B #59	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	11/16/2021 5:27:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2146031-BLK1)

Prepared: 11/09/21 Analyzed: 11/09/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.5		50.0		109	50-200			

LCS (2146031-BS1)

Prepared: 11/09/21 Analyzed: 11/09/21

Diesel Range Organics (C10-C28)	535	25.0	500		107	38-132			
Surrogate: n-Nonane	53.1		50.0		106	50-200			

Matrix Spike (2146031-MS1)

Source: E111085-04

Prepared: 11/09/21 Analyzed: 11/09/21

Diesel Range Organics (C10-C28)	544	25.0	500	ND	109	38-132			
Surrogate: n-Nonane	52.0		50.0		104	50-200			

Matrix Spike Dup (2146031-MSD1)

Source: E111085-04

Prepared: 11/09/21 Analyzed: 11/09/21

Diesel Range Organics (C10-C28)	545	25.0	500	ND	109	38-132	0.0847	20	
Surrogate: n-Nonane	54.1		50.0		108	50-200			



QC Summary Data

GHD	Project Name:	Gissler B #59	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	11/16/2021 5:27:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2146051-BLK1)

Prepared: 11/15/21 Analyzed: 11/15/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.9		50.0		106	50-200			

LCS (2146051-BS1)

Prepared: 11/15/21 Analyzed: 11/15/21

Diesel Range Organics (C10-C28)	467	25.0	500		93.5	38-132			
Surrogate: n-Nonane	49.8		50.0		99.6	50-200			

Matrix Spike (2146051-MS1)

Source: E111101-03

Prepared: 11/15/21 Analyzed: 11/15/21

Diesel Range Organics (C10-C28)	488	25.0	500	ND	97.7	38-132			
Surrogate: n-Nonane	53.5		50.0		107	50-200			

Matrix Spike Dup (2146051-MSD1)

Source: E111101-03

Prepared: 11/15/21 Analyzed: 11/15/21

Diesel Range Organics (C10-C28)	500	25.0	500	ND	100	38-132	2.34	20	
Surrogate: n-Nonane	52.3		50.0		105	50-200			



QC Summary Data

GHD	Project Name:	Gissler B #59	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	11/16/2021 5:27:01PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2146019-BLK1)

Prepared: 11/08/21 Analyzed: 11/10/21

Chloride ND 20.0

LCS (2146019-BS1)

Prepared: 11/08/21 Analyzed: 11/10/21

Chloride 249 20.0 250 99.4 90-110

Matrix Spike (2146019-MS1)

Source: E111079-01

Prepared: 11/08/21 Analyzed: 11/10/21

Chloride 260 20.0 250 ND 104 80-120

Matrix Spike Dup (2146019-MSD1)

Source: E111079-01

Prepared: 11/08/21 Analyzed: 11/10/21

Chloride 257 20.0 250 ND 103 80-120 1.45 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Gissler B #59	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Becky Haskell	11/16/21 17:27

- H4 Initial analysis was within holding time. Re-analysis was past holding time.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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

RUSH?
☐ 1d
☐ 3d

Client: GAD
Project: Gissler B #59
Sampler: Zach Comino
Phone: (505) 377-4218
Email(s): Zach.Comino@GAD.com / Becky.Hastell@GAD.com / Tom.Lewson@GAD.com
Project Manager: Becky Hastell / Tom Lewson

Page 1 of 1

Lab Use Only		Analysis and Method			Lab Only	
Lab WO#	Job Number	GRD/DRO by 8015 + MKD	BTEX by 8021	TPH by 418.1	Chloride by 300.0	Lab Number
PE111085	19034-0001					
Containers						
QTY - Vol/TYPE/Preservative	Matrix	Sample Time	Sample Date	Sample ID	Correct Cont/Prsr (s) Y/N	
	S	1200	11/02/2021	S-1.1A		1
		1205		S-2.1A		2
		1210		S-5.1A		3
		1215		S-6.1A		4
		1220		S-8.1A		5
		1225		S-9.1A		6
		1230		S-10.1A		7

Relinquished by: (Signature) Zach Comino Date 11/02/2021 Time 1300
Relinquished by: (Signature) Zach Comino Date 11/3/21 Time 1650
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Received by: (Signature) [Signature] Date 11/3/21 Time 945
Received by: (Signature) [Signature] Date 11/4/21 Time 9:15
AVG Temp °C 4
T1 4 T2 4 T3 4
Notes/Billing info: Report by 11/9



5796 US Highway 64, Farmington, NM 87401
Three Springs - 65 Mercader Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
Ph (970) 259-0615 Fx (970) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 11/10/2021 11:27:02AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	11/04/21 09:15	Work Order ID:	E111085
Phone:	(505) 884-0672	Date Logged In:	11/06/21 18:02	Logged In By:	Alexa Michaels
Email:	becky.haskell@ghd.com	Due Date:	11/08/21 17:00 (2 day TAT)		

Chain of Custody (COC)

- | | |
|---|-----|
| 1. Does the sample ID match the COC? | Yes |
| 2. Does the number of samples per sampling site location match the COC | Yes |
| 3. Were samples dropped off by client or carrier? | Yes |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes |
| 5. Were all samples received within holding time? | Yes |

Carrier: Fedex

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Comments/Resolution

Sample Turn Around Time (TAT)

- | | |
|---|-----|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes |
|---|-----|

Sample Cooler

- | | |
|--|-----|
| 7. Was a sample cooler received? | Yes |
| 8. If yes, was cooler received in good condition? | Yes |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes |
| 10. Were custody/security seals present? | No |
| 11. If yes, were custody/security seals intact? | NA |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C | Yes |

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

- | |
|--|
| 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> |
|--|

Sample Container

- | | |
|--|-----|
| 14. Are aqueous VOC samples present? | No |
| 15. Are VOC samples collected in VOA Vials? | NA |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA |
| 17. Was a trip blank (TB) included for VOC analyses? | NA |
| 18. Are non-VOC samples collected in the correct containers? | Yes |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes |

Field Label

- | | |
|---|-----|
| 20. Were field sample labels filled out with the minimum information: | |
| Sample ID? | Yes |
| Date/Time Collected? | Yes |
| Collectors name? | Yes |

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Becky Haskell



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Gissler B #59

Work Order: E111136

Job Number: 19034-0001

Received: 11/24/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/1/21

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

Date Reported: 12/1/21

Becky Haskell
6121 Indian School Rd. NE #200
Albuquerque, NM 87110



Project Name: Gissler B #59
Workorder: E111136
Date Received: 11/24/2021 9:30:00AM

Becky Haskell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/24/2021 9:30:00AM, under the Project Name: Gissler B #59.

The analytical test results summarized in this report with the Project Name: Gissler B #59 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	Gissler B #59	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	12/01/21 15:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-8.1B	E111136-01A	Soil	11/22/21	11/24/21	Glass Jar, 4 oz.

Sample Data

GHD	Project Name:	Gissler B #59	Reported: 12/1/2021 3:43:46PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	

S-8.1B

E111136-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Benzene	ND	0.0250	1	11/24/21	11/30/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/30/21	
Toluene	ND	0.0250	1	11/24/21	11/30/21	
o-Xylene	ND	0.0250	1	11/24/21	11/30/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/30/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/30/21	
Surrogate: 4-Bromochlorobenzene-PID	97.5 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/30/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.2 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2148022
Diesel Range Organics (C10-C28)	ND	25.0	1	11/24/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/24/21	11/24/21	
Surrogate: n-Nonane	122 %	50-200		11/24/21	11/24/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2148023
Chloride	ND	20.0	1	11/24/21	11/24/21	



QC Summary Data

GHD	Project Name:	Gissler B #59	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	12/1/2021 3:43:46PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2148021-BLK1)

Prepared: 11/24/21 Analyzed: 11/29/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			

LCS (2148021-BS1)

Prepared: 11/24/21 Analyzed: 11/29/21

Benzene	4.31	0.0250	5.00		86.2	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.7	70-130			
Toluene	4.60	0.0250	5.00		91.9	70-130			
o-Xylene	4.68	0.0250	5.00		93.5	70-130			
p,m-Xylene	9.24	0.0500	10.0		92.4	70-130			
Total Xylenes	13.9	0.0250	15.0		92.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			

LCS Dup (2148021-BSD1)

Prepared: 11/24/21 Analyzed: 11/29/21

Benzene	4.38	0.0250	5.00		87.7	70-130	1.71	20	
Ethylbenzene	4.60	0.0250	5.00		91.9	70-130	1.29	20	
Toluene	4.66	0.0250	5.00		93.1	70-130	1.29	20	
o-Xylene	4.75	0.0250	5.00		95.1	70-130	1.66	20	
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130	1.18	20	
Total Xylenes	14.1	0.0250	15.0		94.0	70-130	1.34	20	
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			



QC Summary Data

GHD	Project Name:	Gissler B #59	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	12/1/2021 3:43:46PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2148021-BLK1)

Prepared: 11/24/21 Analyzed: 11/29/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.2	70-130			

LCS (2148021-BS2)

Prepared: 11/24/21 Analyzed: 11/29/21

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

LCS Dup (2148021-BSD2)

Prepared: 11/24/21 Analyzed: 11/29/21

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130	1.12	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			



QC Summary Data

GHD	Project Name:	Gissler B #59	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	12/1/2021 3:43:46PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2148022-BLK1)

Prepared: 11/24/21 Analyzed: 11/24/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	62.0		50.0		124	50-200			

LCS (2148022-BS1)

Prepared: 11/24/21 Analyzed: 11/24/21

Diesel Range Organics (C10-C28)	549	25.0	500		110	38-132			
Surrogate: n-Nonane	60.3		50.0		121	50-200			

Matrix Spike (2148022-MS1)

Source: E111139-04

Prepared: 11/24/21 Analyzed: 11/24/21

Diesel Range Organics (C10-C28)	548	25.0	500	ND	110	38-132			
Surrogate: n-Nonane	60.9		50.0		122	50-200			

Matrix Spike Dup (2148022-MSD1)

Source: E111139-04

Prepared: 11/24/21 Analyzed: 11/24/21

Diesel Range Organics (C10-C28)	548	25.0	500	ND	110	38-132	0.114	20	
Surrogate: n-Nonane	59.8		50.0		120	50-200			



QC Summary Data

GHD	Project Name:	Gissler B #59	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	12/1/2021 3:43:46PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2148023-BLK1)

Prepared: 11/24/21 Analyzed: 11/24/21

Chloride	ND	20.0				
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LCS (2148023-BS1)

Prepared: 11/24/21 Analyzed: 11/24/21

Chloride	256	20.0	250	103	90-110	
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Matrix Spike (2148023-MS1)

Source: E111136-01

Prepared: 11/24/21 Analyzed: 11/24/21

Chloride	260	20.0	250	ND	104	80-120
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Matrix Spike Dup (2148023-MSD1)

Source: E111136-01

Prepared: 11/24/21 Analyzed: 11/24/21

Chloride	260	20.0	250	ND	104	80-120	0.165	20
----------	-----	------	-----	----	-----	--------	-------	----

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Gissler B #59	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Becky Haskell	12/01/21 15:43

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

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

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

Envirotech Analytical Laboratory

Printed: 11/24/2021 9:56:28AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	11/24/21 09:30	Work Order ID:	E111136
Phone:	(505) 884-0672	Date Logged In:	11/24/21 09:45	Logged In By:	Alexa Michaels
Email:	becky.haskell@ghd.com	Due Date:	12/01/21 17:00 (3 day TAT)		

Chain of Custody (COC)

- | | |
|---|-----|
| 1. Does the sample ID match the COC? | Yes |
| 2. Does the number of samples per sampling site location match the COC | Yes |
| 3. Were samples dropped off by client or carrier? | Yes |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes |
| 5. Were all samples received within holding time? | Yes |

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier

Comments/Resolution

Sample Turn Around Time (TAT)

- | | |
|---|-----|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes |
|---|-----|

Sample Cooler

- | | |
|--|-----|
| 7. Was a sample cooler received? | Yes |
| 8. If yes, was cooler received in good condition? | Yes |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes |
| 10. Were custody/security seals present? | No |
| 11. If yes, were custody/security seals intact? | NA |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C | Yes |

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

- | | |
|--|--------------------------------|
| 13. If no visible ice, record the temperature. | Actual sample temperature: 4°C |
|--|--------------------------------|

Sample Container

- | | |
|--|-----|
| 14. Are aqueous VOC samples present? | No |
| 15. Are VOC samples collected in VOA Vials? | NA |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA |
| 17. Was a trip blank (TB) included for VOC analyses? | NA |
| 18. Are non-VOC samples collected in the correct containers? | Yes |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes |

Field Label

- | | |
|---|-----|
| 20. Were field sample labels filled out with the minimum information: | |
| Sample ID? | Yes |
| Date/Time Collected? | Yes |
| Collectors name? | Yes |

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Appendix D

Waste Manifests & Approved C-138

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised August 1, 2011

*Surface Waste Management Facility Operator
and Generator shall maintain and make this
documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address: EOG Resources, Inc. 104 South Fourth Street, Artesia, NM 88210
2. Originating Site: Gissler B 59
3. Location of Material (Street Address, City, State or ULSTR): Section 12, T17S-R30E; Eddy County, NM
4. Source and Description of Waste: Impacted soil – oil and produced water
Estimated Volume <u>100</u> yd ³ / bbls Known Volume (to be entered by the operator at the end of the haul) _____ yd ³ / bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS I, <u>GHD</u> , representative or authorized agent for <u>EOG</u> do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification) ☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non- exempt waste. <i>Operator Use Only: Waste Acceptance Frequency</i> ☐ Monthly ☐ Weekly ☐ Per Load ☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items) ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS I, _____, representative for _____ do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter:

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Lea Land, LLC Permit #: NM-1-035
 Address of Facility: MM 64 Hwy 62/180 East, Carlsbad, NM 88220

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☐ Landfarm ☒ Landfill ☐ Other

Waste Acceptance Status:

☒ **APPROVED**

☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: Shelley Denton

TITLE: Manager

DATE: 9-17-21

SIGNATURE: _____

Shelley Denton

TELEPHONE NO.: _____

405-236-4257

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised August 1, 2011

*Surface Waste Management Facility Operator
and Generator shall maintain and make this
documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address: EOG Resources, Inc. 104 South Fourth Street, Artesia, NM 88210
2. Originating Site: Gissler B 59
3. Location of Material (Street Address, City, State or ULSTR): Section 12-T17S-R30E, Eddy County, NM
4. Source and Description of Waste: Soil impacted by produced water and oil EOG Resources, Inc. authorizes Lea Land to complete the required testing and sign the Generator Waste Testing Certificate. Estimated Volume 100 yd ³ / bbls Known Volume (to be entered by the operator at the end of the haul) yd ³ / bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS I, Tina Huerta <i>Tina Huerta</i>, representative or authorized agent for EOG Resources, Inc do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification) ☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. <i>Operator Use Only: Waste Acceptance Frequency</i> ☒ Monthly ☐ Weekly ☐ Per Load ☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items) ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☒ Process Knowledge ☐ Other (Provide description in Box 4) GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS I, _____, representative for _____ do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter: CCI

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Lea Land Permit #WM-1-035

Address of Facility: MM64, US Highway 62/180 East, Carlsbad, NM 88220

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☐ Landfarm ☒ Landfill ☐ Other

Waste Acceptance Status:

☒ **APPROVED**

☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: *Shelley Denton*

TITLE: *Manager* DATE: *11-1-21*

SIGNATURE: *Shelley Denton*
Surface Waste Management Facility Authorized Agent

TELEPHONE NO.: *405-236-4255*

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

STG

NON-HAZARDOUS WASTE MANIFEST

NO **146360**

1. PAGE ___ OF ___

2. TRAILER NO.

1

G E N E R A T O R	3. COMPANY NAME E.O.G. Resources		4. ADDRESS 105 South 4th St.		5. PICK-UP DATE 9/17/2021		
	PHONE NO. (575) 748-1471		CITY Artesia	STATE NM	ZIP 88210	6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. Non-Regulated, Non Hazardous Waste			1	CM		
	b.						
	c.						
	d. WT: 41,500						
A T T R I B U T E	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B # 59				13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT						
	NAME JOE ONTIVEROS		PHONE NO. 575-887-4048		24-HOUR EMERGENCY NO.		
O B J E C T S	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE			SIGNATURE			DATE
T R A N S P O R T E R S	16. TRANSPORTER (1)			17. TRANSPORTER (2)			
	NAME: CCI			NAME:			
	TEXAS I.D. NO.			TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON			IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: (432) 741-2509			EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material			
	PRINTED/TYPED NAME X Roberto Mena			PRINTED/TYPED NAME			
	SIGNATURE X Roberto Mena DATE 9/17/2021			SIGNATURE DATE			
D I S P O S I T O R Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048		
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS				
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE Victoria Bustamante		CELL NO.		DATE 9/17/2021	TIME 10⁰⁵	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

CRG

NON-HAZARDOUS WASTE MANIFEST

NO **146361**

1. PAGE ___ OF ___

2. TRAILER NO.

20

G E N E R A T O R	3. COMPANY NAME E.O.G. Resources		4. ADDRESS 105 South 4th St.		5. PICK-UP DATE 9/17/2021		
	PHONE NO. (575) 748-1471		CITY Artesia	STATE NM	ZIP 88210	6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. Non-Regulated, Non Hazardous Waste			1 CM			
	b.						
	c.						
	d. WT: 40,140						
A T R A N S P O R T E R	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B #59				13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT						
	NAME JOE ONTIVEROS		PHONE NO. 575-887-4048		24-HOUR EMERGENCY NO.		
O F F I C E	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE			SIGNATURE DATE			
T R A N S P O R T E R S	16. TRANSPORTER (1)			17. TRANSPORTER (2)			
	NAME: CCI			NAME:			
	TEXAS I.D. NO.			TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON			IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: (432) 741-2509			EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material			
	PRINTED/TYPED NAME X Fernando Ochoa			PRINTED/TYPED NAME			
	SIGNATURE X Fernando Ochoa DATE 9/17/2021			SIGNATURE DATE			
D I S P O S I T A L Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048		
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS				
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE Victoria Bustamante		CELL NO.		DATE 9/17/2021	TIME 10¹⁰	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

The Brothers

NON-HAZARDOUS WASTE MANIFEST

NO **148251**

1. PAGE OF

2. TRAILER NO. **31**

G E N E R A T O R	3. COMPANY NAME E.O.O. Resources		4. ADDRESS 105 South 4th St.		5. PICK-UP DATE 11/22/2021	
	PHONE NO. (575) 748-1471		CITY Artesia	STATE NM	ZIP 88210	6. TNRCC I.D. NO.
N E E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. Non-Regulated, Non Hazardous Waste				1 CM	
	b.					
	c.					
A T O R	d. WT: 9960					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: Gissler CRISLER B # 58				13. WASTE PROFILE NO.	
T R A N S P O R T E R S	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME JOE ONTIVEROS		PHONE NO. 575-887-4048		24-HOUR EMERGENCY NO.	
D I S P O S I T O R	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE Bob Asher			SIGNATURE DATE		
D I S P O S I T O R	16. TRANSPORTER (1)			17. TRANSPORTER (2)		
	NAME: STANDARD SAFETY & SUPPLY			NAME:		
	TEXAS I.D. NO.			TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT: LUIS GALVADON			IN CASE OF EMERGENCY CONTACT:		
D I S P O S I T O R	EMERGENCY PHONE: (432) 741-2509			EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material		
	PRINTED/TYPED NAME Francisco Javier Gonzalez			PRINTED/TYPED NAME		
	SIGNATURE Fco Javier DATE 11/22/2021			SIGNATURE DATE		
D I S P O S I T O R	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE Sandoval		CELL NO.		DATE 11/22/2021	TIME 11:20

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1

Released to Imaging: 2/18/2022 10:08:58 AM

Bob Asher

To: 'Becky Haskell'; 'Tom Larson'
Cc: zach.comino@ghd.com
Subject: RE: Final Sampling Notification (Gissler B #59, nRM2002942397)

From: Bob Asher
Sent: Thursday, October 28, 2021 7:11 AM
To: robert.hamlet@state.nm.us
Cc: Zach Comino <Zach.Comino@ghd.com>; Tom Larson <tom.larson@ghd.com>; Becky Haskell <Becky.Haskell@ghd.com>
Subject: Final Sampling Notification (Gissler B #59, nRM2002942397)
Importance: High

EOG Resources, Inc. respectfully submits notification of Final Sampling Activities to be conducted at the below location. Sampling will begin at 12:00 p.m. on Tuesday, November 2, 2021, by GHD, Zack Comino.

Gissler B #59
30-015-37733
Section 12-T17S-R30E Unit Letter L
Eddy County, New Mexico
nRM2029646692

Thank you,

Robert Asher

Environmental Supervisor, S & E Department, EOG Resources, Inc. Artesia Division, 104 South Fourth Street, Artesia, NM 88210, 575-748-4217 (Office), 575-365-4021 (Cell)

EOG Safety Begins with YOUR Safety



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NRM2002942397
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Y Resources, Inc.	OGRID 25575
Contact Name Robert Asher	Contact Telephone 575-748-4217
Contact email bob_asher@eogresources.com	Incident # (assigned by OCD)
Contact mailing address 104 S. 4 th	

Location of Release Source

Latitude 32.84814 Longitude -103.93229
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Gissler B #59	Site Type: Well Pad
Date Release Discovered: 12/3/2019	API# 30-015-37733

Unit Letter	Section	Township	Range	County
L	12	17S	30E	Eddy

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls) 9	Volume Recovered (bbls) 8
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

SDR 11 poly flow line split due to obstruction or paraffin plug, east of pumping unit on location.

Form C-141

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	NRM2002942397
District RP	
Facility ID	
Application ID	

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

Initial Response

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

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

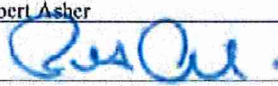
If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Robert Asher

Title: Environmental Supervisor

Signature: 

Date: 12/17/2019

email: bob_asher@eogresources.com

Telephone: 575-748-4217

OCD Only

Received by: Ramona Marcus

Date: 1/29/2020

State of New Mexico
Oil Conservation Division

Incident ID	nRM2002942397
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Form C-141

Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nRM2002942397
District RP	
Facility ID	
Application ID	

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

Printed Name: Robert Asher Title: Environmental Supervisor

Signature: _____ Date: _____

email: bob_asher@eogresources.com Telephone: 575-748-4217**OCD Only**

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nRM2002942397
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Robert Asher Title: Environmental Supervisor
 Signature: _____ Date: _____
 email: bob_asher@eogresources.com Telephone: 575-748-4217

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NRM2002942397
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Robert Asher

Title: Environmental Supervisor

Signature: 

Date: 1-28-2022

email: bob_asher@eogresources.com

Telephone: 575-748-4217

OCD Only

Received by: Chad Hensley

Date: 02/18/2022

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

Closure Approved by: 

Date: 02/18/2022

Printed Name: Chad Hensley

Title: Environmental Specialist Advanced

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 76285

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 76285
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	Closure report accepted.	2/18/2022