

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	nAPP2133735817
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD) nAPP2133735817
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.843933 Longitude -103.927714
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Gissler B 3-2 Battery Produced Water Transfer Line	Site Type Produced Water Transfer Line
Date Release Discovered 11/20/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
N	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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 92	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release The 3-inch poly transfer line crosses a 2-track road approximately 3/4 of a mile south of the Gissler B 3-2 Battery, the line had sustained damage from the vehicular traffic which caused it to crack and split open. Lease operations had recently turned on the pump at the battery and had put 92 barrels of produced water into the transfer line when notification of the release was received. The line was not completely separated, but without a meter at the destination facility, it is not possible to provide a more accurate release volume.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Greater than 25 barrels of fluid presumed released.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Andrea Felix, to Rob Hamlet, Mike Bratcher, Jim Griswold, through email on 11/21/21(11:13 am)	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> 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: <u>Chase Settle</u>	Title: <u>Rep Safety & Environmental Sr</u>
Signature: <u>Chase Settle</u>	Date: <u>12/03/2021</u>
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>12/3/2021</u>

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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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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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: Chase Settle Title: Rep Safety & Environmental Sr
Signature: Chase Settle Date: 02/17/2022
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

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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: Chase Settle Title: Rep Safety & Environmental Sr
Signature: Chase Settle Date: 02/17/2022
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 02/28/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

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

Our ref: 12573596

February 18, 2022

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

Re: **Site Characterization and Closure Report**
Gissler B 3-2 Battery Produced Water Transfer Line Release Site
EOG Resources, Inc.
Incident ID: nAPP2133735817
N-12-17S-30E, Eddy County, New Mexico

1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Characterization and Closure Report to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of delineation, sampling, analyses, and remedial activities in the affected areas at the EOG Gissler B 3-2 Battery Produced Water Transfer Line Release Site (Site). The Site is located in Unit Letter N, Section 12 of Township 17 South and Range 30 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.843933 N latitude and 103.927714 W longitude. The release occurred on land managed by the Bureau of Land Management (BLM). Figure 1 depicts the Site location. The EOG production facility and other site details are depicted on Figures 2 and 3.

2. Background Information

A C-141 initial report for this release was submitted to the NMOCD on December 3, 2021. The C-141 stated the release on November 20, 2021, was caused by, "The 3-inch poly transfer line sustained damage from the vehicular traffic which caused it to crack and split open". Approximately ninety-two (92) barrels (bbls) of produced water was released with zero (0) bbls being recovered. On November 21, 2021, EOG's contractor BDS Enterprise, LLC (BDS), on behalf of EOG scraped the surface of the impacted area and hauled the material to a NMOCD approved facility.

EOG on November 21, 2021, made the decision to provide the rest of the remaining excavation and field sampling for this site to a consultant/contractor (GHD). GHD understands the release falls under the jurisdiction of the NMOCD District 2 office in Artesia, New Mexico. The NMOCD assigned this release with the Incident Number nAPP2133735817. 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 the New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12) (NMAC Table I Closure Criteria). The release falls under the jurisdiction of the NMOCD District 2 in Artesia, New Mexico.

On May 20, 2021, Talon LPE (Talon) installed a temporary well, Gissler B #59, at the following GPS Coordinates, 32.848420 N latitude and 103.931751 W longitude to approximately 105 feet below ground surface (bgs.) which is located within a half mile from the Site. The Gissler B #59 Temp Well was left open for 72 hours and a water level meter was utilized to determine the presence or absence of groundwater. No groundwater was detected, and the temporary well was plugged and abandoned. Depth to groundwater for this Site is greater than one hundred (100) feet bgs. No other receptors (karst potential areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is located within an area with depth to groundwater greater than one hundred (100) feet and meets the closure criteria for depth to groundwater greater than one hundred (100) feet in Table 1 in NMAC 19.15.29.12. The Site characterization documentation (Talon's Temporary Well Log, Karst Potential, 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 Potential Area	>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	10 mg/kg
BTEX	50 mg/kg

4. Initial Excavation and Assessment Sampling

On December 1, 2021, GHD Services Inc. (GHD), on behalf of EOG, returned to the site to install eleven (11) hand borings and collect four (4) sidewall grab assessment samples from the previously scraped release area. Hand boring and grab sample locations were approximately collected from surface to two (2) feet below ground surface (bgs).

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B (modified) and Chloride by EPA Method 4500 by Cardinal Laboratories in Hobbs, New Mexico. Analytical results indicated that assessment soil samples BH-3 and BH-6 exhibited chloride or TPH concentrations above NMAC 19.15.29.13 criteria, surface to four (4) feet below grade surface. Figure 2, Initial Site Assessment: Analytical Results Map,

depicts the locations of the initial assessment samples and analytical concentrations. Analytical results are provided in Table 1, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment B.

5. Excavation, Waste Management and Confirmation Sampling

Due to the initial assessment soil sampling activities exhibiting chloride and Total TPH concentrations above the selected NMAC Table 1 Reclamation Criteria, EOG provided to the BLM, as the surface owner, a proposed corrective action plan for review and approval on January 14, 2021. BLM promptly granted approval the same day to complete remediation of the release area and address a trespass two-track road near the release site. GHD and EOG's contractor Standard Safety and Supply (SS), on behalf of EOG, returned to the site on January 21 and January 24, 2021, to excavate the affected soils. Confirmation soil samples (CBH-1 through CBH-18) and (CSW-1 through CSW-5) were collected on January 24, 2022, after a confirmation sampling notification was submitted to the NMOCD two business days prior. All confirmation samples were taken to Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and Chloride EPA Method 300. Analytical results indicated chloride, TPH, Benzene and BTEX concentrations were below the strictest Table 1 closure criteria, meeting the requirements of NMAC 19.15.29.13. Confirmation samples collected represented areas no greater than two hundred (200) square feet. Figure 3, Confirmation Sampling: Soil Analytical Results Map, depicts the locations of the confirmation samples and analytical concentrations. Analytical results are provided in Table 1, on Figure 3, and in the Laboratory Analytical Reports provided in Attachment B.

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 180 yards of impacted soil was disposed at Lea Land, LLC, from January 21 through January 24, 2022. The approved C-138 and waste manifests are provided in Attachment D.

The excavation was backfilled with non-impacted material on January 24 and January 27, 2022. GHD and SS, on behalf of EOG in coordination with BLM guidelines, re-seeded the backfill area with native seed on February 3, 2022. Attachment C, Photographic log, depicts the seed mixture used and seeding technique.

6. nAPP2133735817 Closure Requests

Site characterization, soil delineation, and remediation activities for this incident number 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 closure and no further regulatory actions for nAPP2133735817.

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



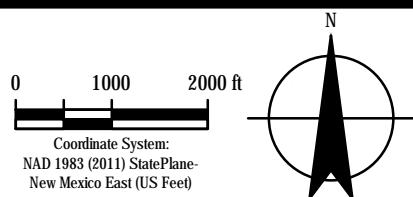
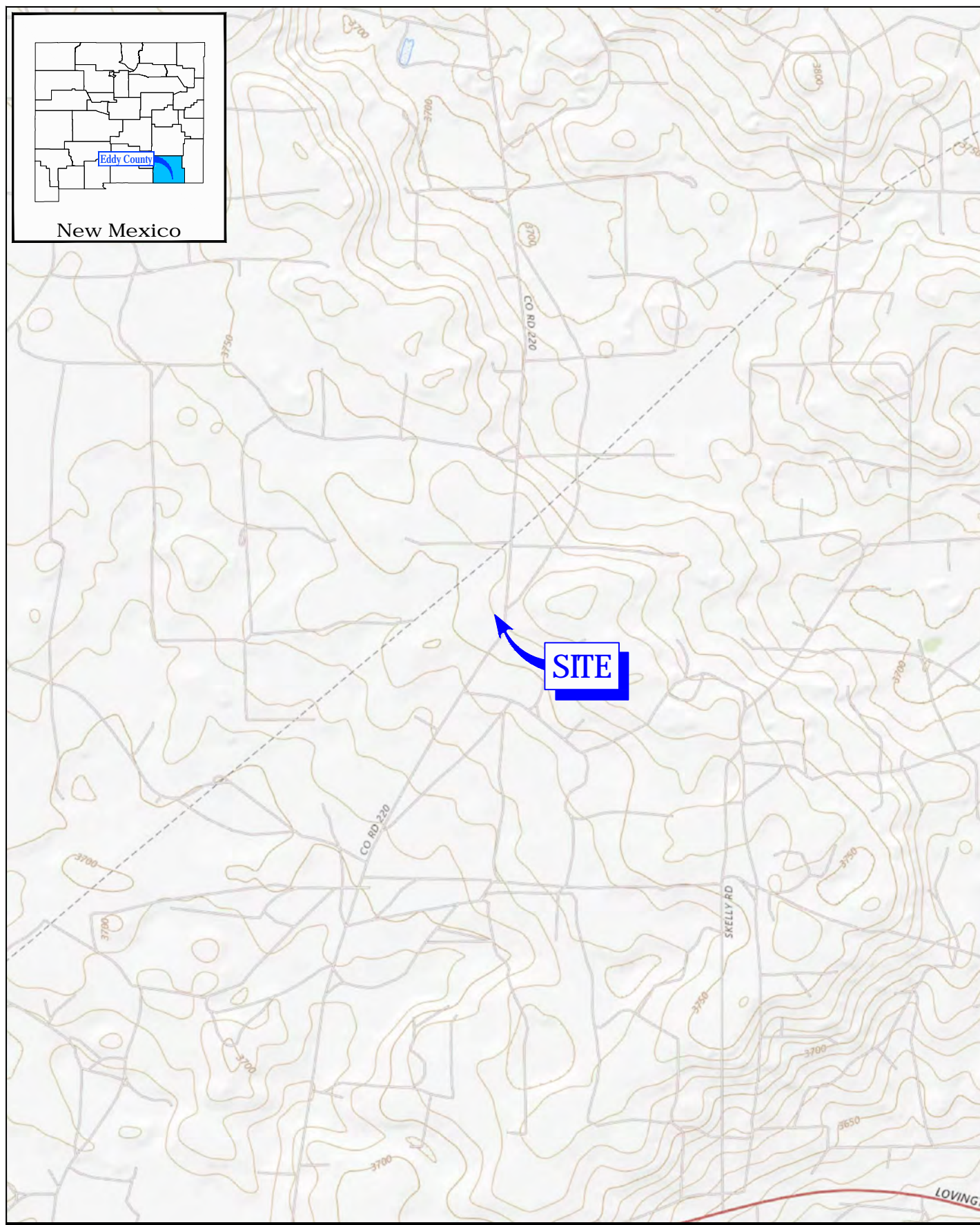
Zach Comino
Field Geologist

BH/zc/1

Encl. Figure 1 – Site Location Map
 Figure 2 – Initial Site Assessment: Analytical Results Map
 Figure 3 – 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 – Approved Form C-138 and Disposal Manifests

cc: Chase Settle

Figures



EOG RESOURCES
EDDY COUNTY, NEW MEXICO
GISSLER B 3-2 BATTERY
PRODUCED TRANSFER LINE

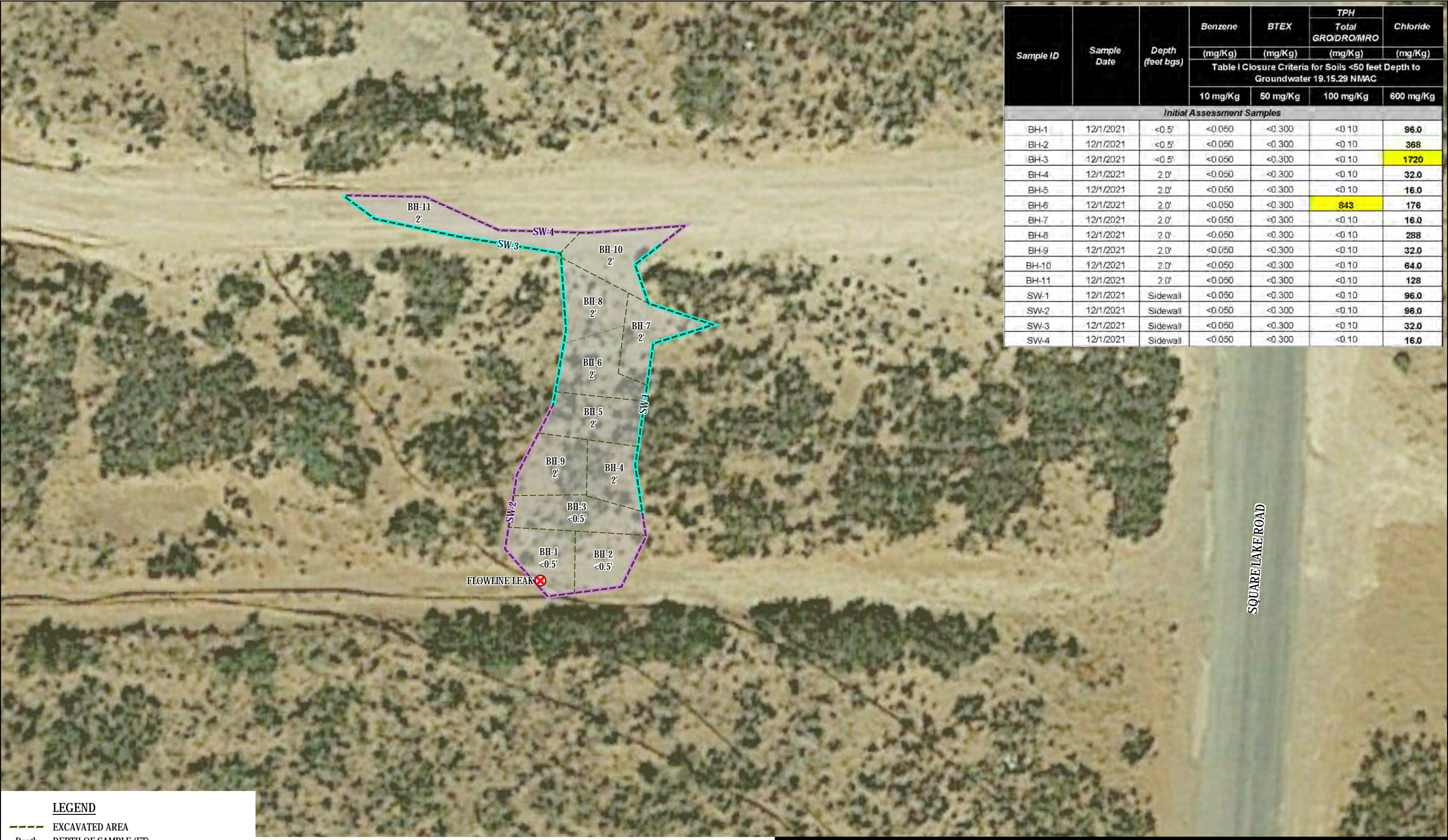
Project No. 12573596
Date February 2022

SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ehd\US\Midland\Projects\589\12573596\Digital_Documents\RPT001\12573596-GHD-0000-RPT-EN-0101_DL-001.dwg

Data Source: USGS 7.5 Minute Quad "Loco Hills and Maljamar, New Mexico"
Lat/Long: 32.843933° North, 103.927714° West



Sample ID	Sample Date	Depth (feet bgs)	Benzene	BTEX	TPH	Chloride
					Total GRO/DRO/MRO	
			(mg/Kg)	(mg/Kg)	(mg/Kg)	
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC			
10 mg/Kg	50 mg/Kg	100 mg/Kg	600 mg/Kg			
Initial Assessment Samples						
BH-1	12/1/2021	<0.5'	<0.050	<0.300	<0.10	96.0
BH-2	12/1/2021	<0.5'	<0.050	<0.300	<0.10	368
BH-3	12/1/2021	<0.5'	<0.050	<0.300	<0.10	1720
BH-4	12/1/2021	2.0'	<0.050	<0.300	<0.10	32.0
BH-5	12/1/2021	2.0'	<0.050	<0.300	<0.10	16.0
BH-6	12/1/2021	2.0'	<0.050	<0.300	843	176
BH-7	12/1/2021	2.0'	<0.050	<0.300	<0.10	16.0
BH-8	12/1/2021	2.0'	<0.050	<0.300	<0.10	288
BH-9	12/1/2021	2.0'	<0.050	<0.300	<0.10	32.0
BH-10	12/1/2021	2.0'	<0.050	<0.300	<0.10	64.0
BH-11	12/1/2021	2.0'	<0.050	<0.300	<0.10	128
SW-1	12/1/2021	Sidewall	<0.050	<0.300	<0.10	96.0
SW-2	12/1/2021	Sidewall	<0.050	<0.300	<0.10	96.0
SW-3	12/1/2021	Sidewall	<0.050	<0.300	<0.10	32.0
SW-4	12/1/2021	Sidewall	<0.050	<0.300	<0.10	16.0

LEGEND

--- EXCAVATED AREA

DEPTH DEPTH OF SAMPLE (FT)

BTEX BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG)

TPH TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)

INDICATES SIDE WALL COMPOSITE SAMPLE

INDICATES SIDE WALL COMPOSITE SAMPLE

- NOTES:
1. SAMPLE RESULTS ARE IN MILLIGRAMS PER KILOGRAM (MG/KG).

2. BOLD INDICATES ANALYTE DETECTED.

3. SEE TABLE 1 FOR COMPREHENSIVE ANALYTICAL RESULTS.

4. YELLOW SHADED CELLS INDICATE EXCEEDANCE.

5. AREA EXCAVATED TO A DEPTH OF 0.5 FT BGS, SAMPLES COLLECTED AT DEPTHS SHOWN VIA HAND AUGER.

01020ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

N

GHD

EOG RESOURCES
EDDY COUNTY, NEW MEXICO
GISSLER B 3-2 BATTERY
PRODUCED TRANSFER LINE
Initial Site Assessment:
Analytical Results Map

Project No. 12573596
Date February 2022

FIGURE 2



Tables

Table 1
Summary of Soil Analytical Data
Gissler B 3-2 Battery Produced Water Transfer Line
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg			
Initial Assessment Samples												
BH-1	12/1/2021	<0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	96.0
BH-2	12/1/2021	<0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	368
BH-3	12/1/2021	<0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	1720
BH-4	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	32.0
BH-5	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	16.0
BH-6	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	480	363	843	176
BH-7	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	16.0
BH-8	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	288
BH-9	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	32.0
BH-10	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	64.0
BH-11	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	128
SW-1	12/1/2021	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	96.0
SW-2	12/1/2021	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	96.0
SW-3	12/1/2021	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	32.0
SW-4	12/1/2021	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	16.0

Table 1
Summary of Soil Analytical Data
Gissler B 3-2 Battery Produced Water Transfer Line
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
Confirmation Bottomhole Samples												
CBH-1	01/24/2022	<0.5'	<0.016	<0.032	<0.032	<0.063	<0.06	<3.2	<9.7	<49	<49	<60
CBH-2	01/24/2022	<0.5'	<0.016	<0.033	<0.033	<0.065	<0.07	<3.3	<9.6	<48	<48	<59
CBH-3	01/24/2022	2.0'	<0.016	<0.032	<0.032	<0.064	<0.06	<3.2	<9.9	<49	<49	<59
CBH-4	01/24/2022	2.0'	<0.016	<0.032	<0.032	<0.063	<0.06	<3.2	<9.8	<49	<49	<60
CBH-5	01/24/2022	2.0'	<0.016	<0.031	<0.031	<0.063	<0.06	<3.1	13	<49	13	<60
CBH-6	01/24/2022	2.0'	<0.015	<0.031	<0.031	<0.061	<0.06	<3.1	<9.8	<49	<49	<61
CBH-7	01/24/2022	2.0'	<0.016	<0.031	<0.031	<0.063	<0.06	<3.1	<9.9	<50	<50	68
CBH-8	01/24/2022	2.0'	<0.015	<0.030	<0.030	<0.061	<0.06	<3.0	<9.5	<47	<47	<60
CBH-9	01/24/2022	2.0'	<0.016	<0.032	<0.032	<0.065	<0.06	<3.2	<9.5	<48	<48	120
CBH-10	01/24/2022	2.0'	<0.016	<0.031	<0.031	<0.063	<0.06	<3.1	<9.6	<48	<48	<59
CBH-11	01/24/2022	2.0'	<0.015	<0.031	<0.031	<0.062	<0.06	<3.1	<9.4	<47	<47	<60
CBH-12	01/24/2022	2.0'	<0.016	<0.033	<0.033	<0.065	<0.07	<3.3	<9.7	<48	<48	<60
CBH-13	01/24/2022	2.0'	<0.017	<0.034	<0.034	<0.068	<0.07	<3.4	<9.2	<46	<46	140
CBH-14	01/24/2022	2.0'	<0.015	<0.030	<0.030	<0.060	<0.06	<3.0	<9.9	<49	<49	<59
CBH-15	01/24/2022	2.0'	<0.016	<0.032	<0.032	<0.065	<0.06	<3.2	<9.9	<49	<49	<60
CBH-16	01/24/2022	2.5'	<0.016	<0.033	<0.033	<0.065	<0.07	<3.3	<9.5	<48	<48	200
CBH-17	01/24/2022	2.0'	<0.016	<0.032	<0.032	<0.064	<0.06	<3.2	<9.6	<48	<48	61
CBH-18	01/24/2022	2.0'	<0.015	<0.031	<0.031	<0.061	<0.06	<3.1	<9.4	<47	<47	<60
Confirmation Sidewall Samples												
CSW-1	01/24/2022	Sidewall	<0.017	<0.034	<0.034	<0.067	<0.07	<3.4	<9.9	<50	<50	160
CSW-2	01/24/2022	Sidewall	<0.016	<0.032	<0.032	<0.063	<0.06	<3.2	<9.3	<46	<46	290
CSW-3	01/24/2022	Sidewall	<0.016	<0.032	<0.032	<0.065	<0.06	<3.2	<9.8	<49	<49	280
CSW-4	01/24/2022	Sidewall	<0.016	<0.032	<0.032	<0.065	<0.06	<3.2	<9.6	<48	<48	<60
CSW-5	01/24/2022	Sidewall	<0.015	<0.030	<0.030	<0.060	<0.06	<3.0	<9.5	<47	<47	<60

Notes:

1. Values reported in mg/kg
2. < = Value Less than Reporting Limit (RL)
3. Bold Indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B
5. ft bgs = feet below ground surface

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 NMAC 19.15.29.12 - Table I Closure Criteria for Soils Impacted by a Release.
9. J - Result is less than the Reporting Limit (RL) but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value.

Attachment A

Site Characterization Documentation



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)
	<input type="checkbox"/>	0-20'				Red/Brown fine Sand (SP)	<u>None</u> Slight Mod. Strong	
	<input type="checkbox"/>	20-30'				Light red/tan fine Sand (SP) and caliche	<u>None</u> Slight Mod. Strong	
	<input type="checkbox"/>	30-105'				Red/brown fine Sand (SP)	<u>None</u> Slight Mod. Strong	
	<input type="checkbox"/>					__ TD 105' __	None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	

Surface Elevation: _____





Notes: Groundwater Not Encountered at 105-feet BGS-72 hr.

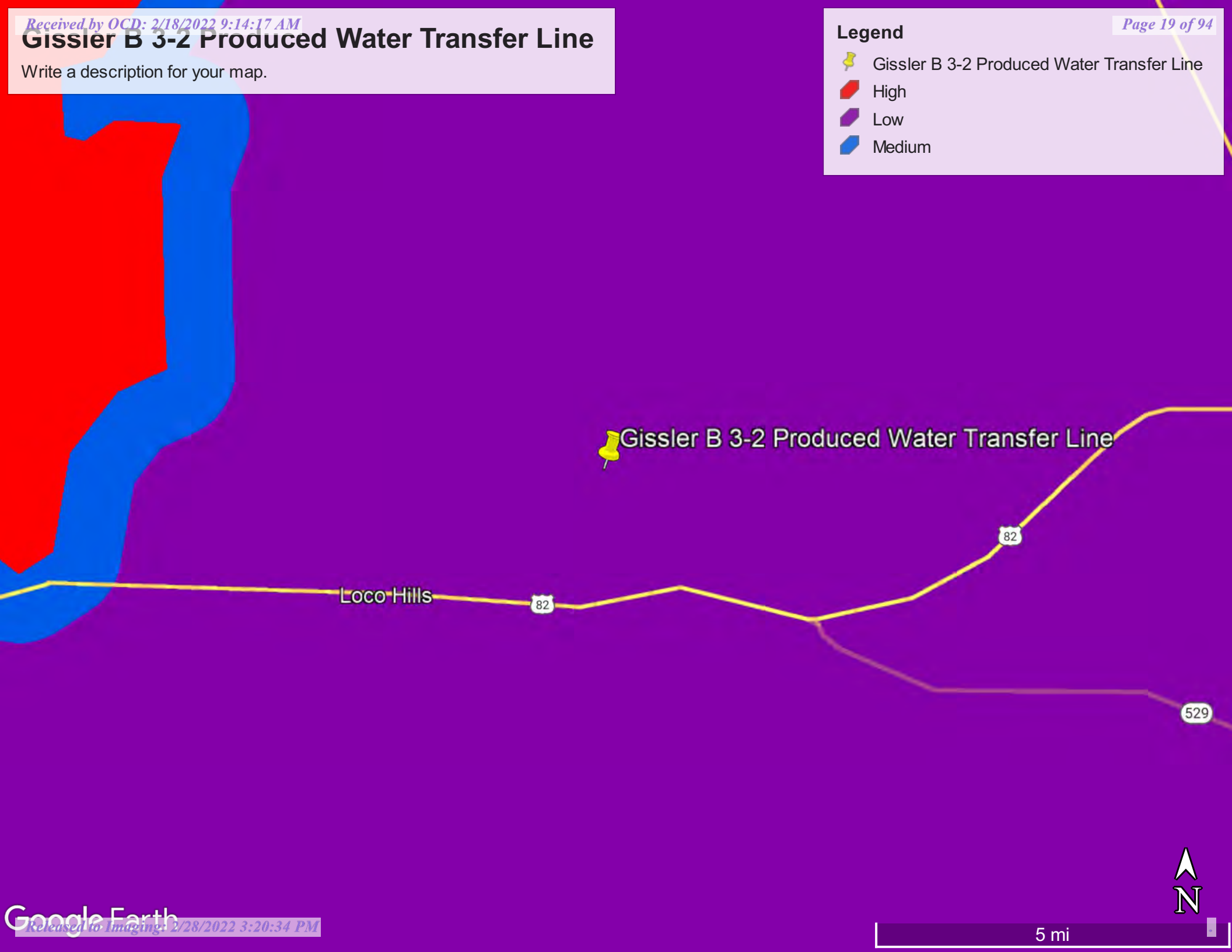
Logger Initials: DJA

Gissler B 3-2 Produced Water Transfer Line

Write a description for your map.

Legend




-  Gissler B 3-2 Produced Water Transfer Line
-  High
-  Low
-  Medium

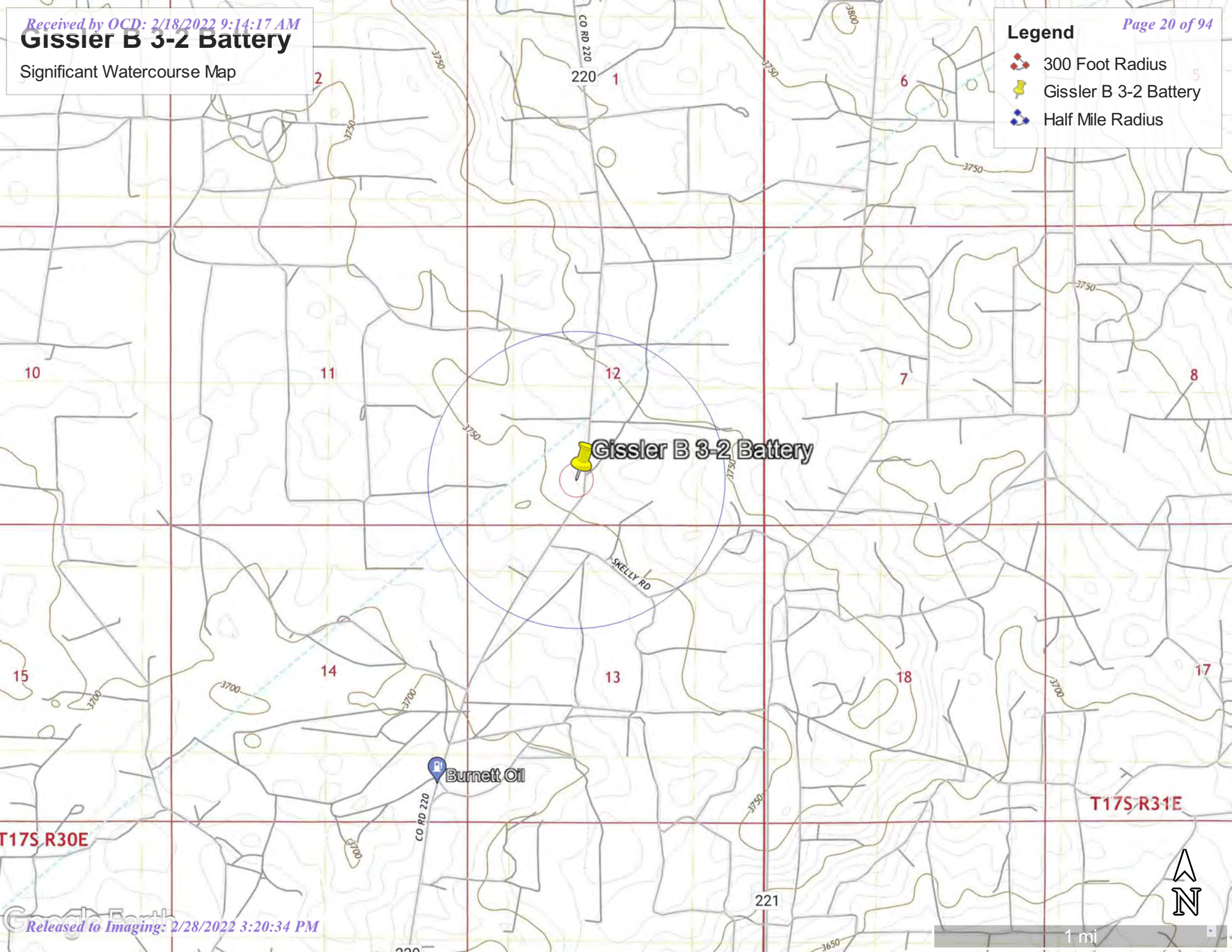


Gissler B 3-2 Battery

Significant Watercourse Map

Legend

-  300 Foot Radius
-  Gissler B 3-2 Battery
-  Half Mile Radius



Gissler B 3-2 Battery Produced Water Transfer Line




1/31/2022, 2:49:53 PM

GIS WATERS PODs

 Pending

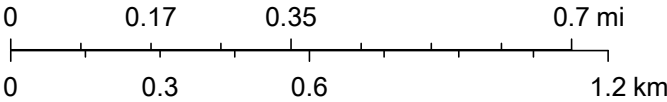
 OSE District Boundary

New Mexico State Trust Lands

 Both Estates

 SiteBoundaries

1:18,056



U.S. Department of Energy Office of Legacy Management, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Maxar

National Flood Hazard Layer FIRMMette



103°55'58"W 32°50'53"N



Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/31/2022 at 3:32 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.

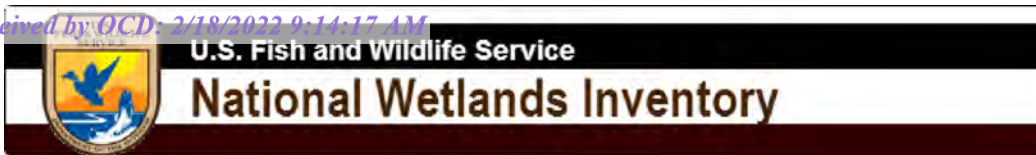
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

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

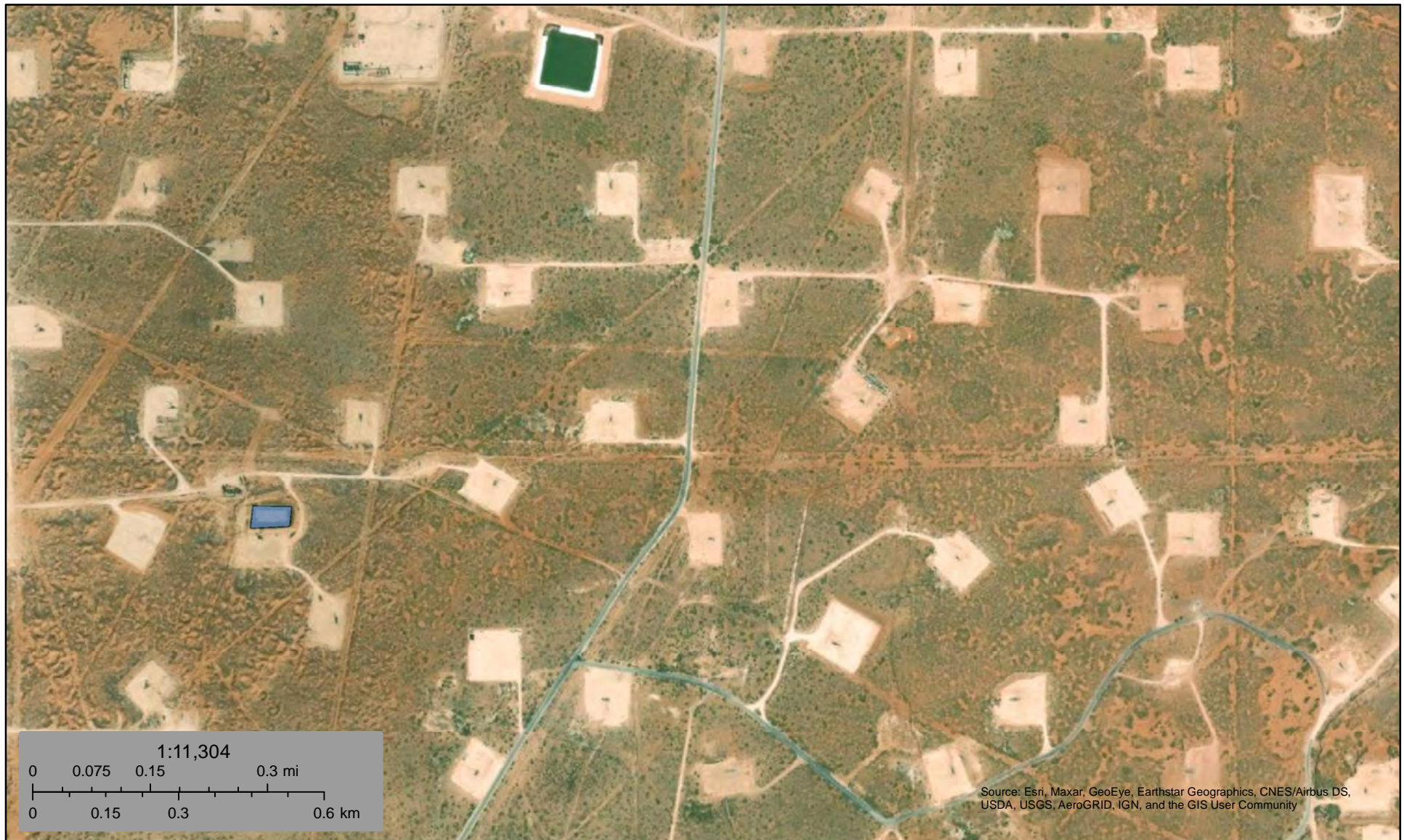
103°55'21"W 32°50'23"N

Released to Imaging: 2/28/2022 3:20:34 PM

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020



Gissler B 3-2



January 31, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

Attachment B Photographic Log

View of Excavation Facing Southeast (01/24/22)



View of Excavation Facing Southeast (01/24/22)



Site Photograph
EOG Gissler 3-2 Battery Produced
Water Transfer Line Release Site.

GHD | Report for EOG | 12573596

View of Excavation Facing South (01/24/22)



View of Backfilled Excavation Facing Northeast (01/27/22)



Site Photograph
EOG Gissler 3-2 Battery Produced
Water Transfer Line Release Site.

GHD | Report for EOG | 12573596

View of Backfilled Excavation Facing Northeast (01/27/22)



View of Backfilled Excavation Facing East (01/27/22)



Site Photograph
EOG Gissler 3-2 Battery Produced
Water Transfer Line Release Site.

GHD | Report for EOG | 12573596

View of Excavation During Re-Seeding Facing Southwest (02/03/22)



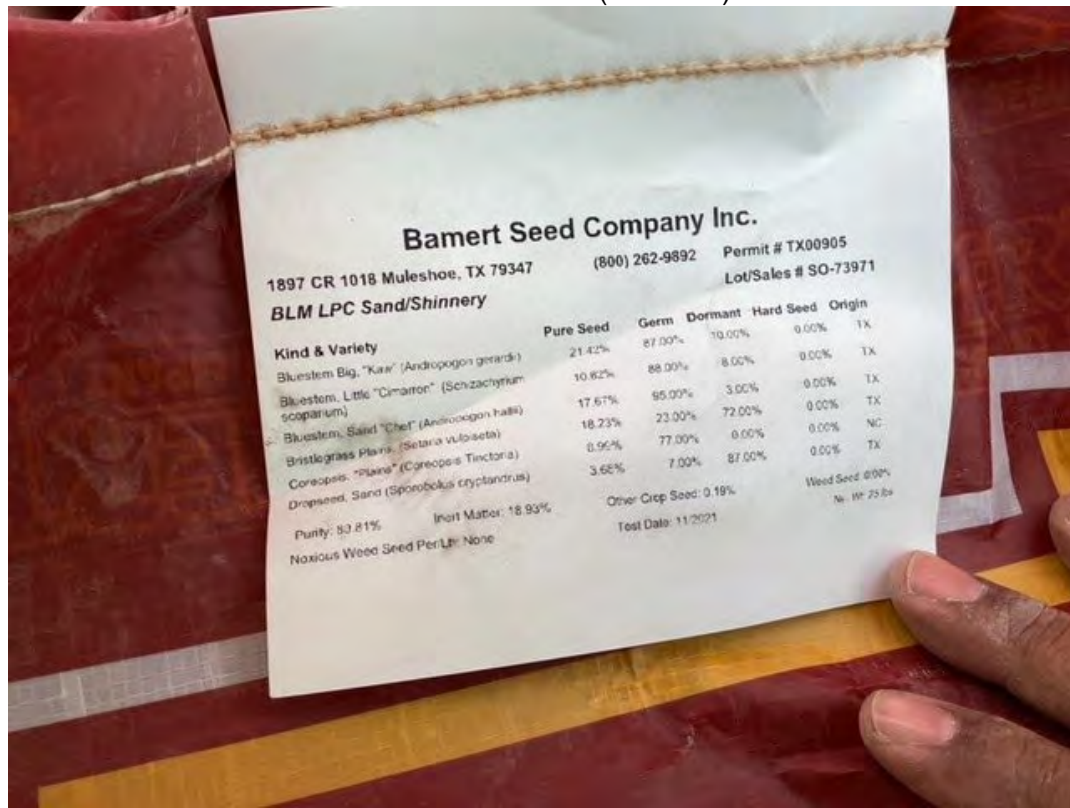
View of Re-Seeding Technique (02/03/22)



Site Photograph
EOG Gissler 3-2 Battery Produced
Water Transfer Line Release Site.

GHD | Report for EOG | 12573596

Seed label (02/03/22)



View of Berm Installed to Block Off Two-Track Trespass Road (02/03/22)



Site Photograph
EOG Gissler 3-2 Battery Produced
Water Transfer Line Release Site.

GHD | Report for EOG | 12573596

Attachment C

Laboratory Analytical Reports and Chain-of-Custody Documentation



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

December 01, 2021

BECKY HASKELL

GHD SERVICES, INC.

6121 INDIAN SCHOOL RD, NE STE. 200

ALBUQUERQUE, NM 87110

RE: EOG - GISSLER 3-2 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 12/01/21 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

Sample ID: BH - 1 (H213427-01)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36	
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH - 2 (H213427-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36		
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92		
Total BTEx	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 91.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.2 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH - 3 (H213427-03)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36		
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92		
Total BTX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1720	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH - 4 (H213427-04)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36	
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (H213427-05)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36	
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 97.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH - 6 (H213427-06)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36	
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92	
Total BTEx	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	480	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	363	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 116 % 44.3-133

Surrogate: 1-Chlorooctadecane 136 % 38.9-142

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Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH - 7 (H213427-07)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36		
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92		
Total BTX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH - 8 (H213427-08)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36	
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH - 9 (H213427-09)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTEx	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 108 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH - 10 (H213427-10)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH - 11 (H213427-11)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.0 % 38.9-142

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Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (H213427-12)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTEx	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (H213427-13)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25		
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5		
Total BTX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62		
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05		
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND						

Surrogate: 1-Chlorooctane 89.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (H213427-14)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25		
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5		
Total BTEx	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 BECKY HASKELL
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received: 12/01/2021
 Reported: 12/01/2021
 Project Name: EOG - GISSLER 3-2 FLOWLINE
 Project Number: 12569834
 Project Location: EOG - LOCO HILLS

Sampling Date: 12/01/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (H213427-15)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTEx	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 90.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>CHD</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Becky Haskell / Tom Larson</u>		P.O. #:			
Address: <u>524 W. Main Street Suite 100</u>		Company: <u>ECG</u>			
City: <u>Artesia</u>		Attn: <u>Chase Settle</u>			
State: <u>NM</u> Zip: <u>88210</u>		Address:			
Phone #: <u>(505) 377-4210</u> Fax #:		City: <u>Artesia</u>			
Project #: <u>12569834</u> Project Owner: <u>Becky Haskell</u>		State: <u>NM</u> Zip: <u>88210</u>			
Project Name: <u>Gisler 3-2 Fluorine</u>		Phone #: <u>(575) 748-1471</u>			
Project Location: <u>Loop Mills</u>		Fax #:			
Sampler Name: <u>Zeal Louie</u>					
FOR LAB USE ONLY					
Lab I.D. <u>H213427</u>	Sample I.D.	(G)RAB OR (C)OMP.			
		# CONTAINERS			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER :			
		ACID/BASE:			
		ICE / COOL			
		OTHER :			
		DATE	TIME		
		<u>12/01/21</u>	<u>0800</u>		
		<u>0805</u>	<u>0805</u>		
		<u>0810</u>	<u>0810</u>		
		<u>0815</u>	<u>0815</u>		
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		<u>2345</u>	<u>2345</u>		
		<u>2350</u>	<u>2350</u>		
		<u>2355</u>	<u>2355</u>		
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		<u>2405</u>	<u>2405</u>		
		<u>2410</u>	<u>2410</u>		
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		<u>2845</u>	<u>2845</u>		
		<u>2850</u>	<u>2850</u>		
		<u>2855</u> </			

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

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Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

January 28, 2022

Becky Haskell
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Gissler 3 2 Battery Tranfer Line

OrderNo.: 2201975

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 23 sample(s) on 1/26/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-1

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 9:35:00 AM

Lab ID: 2201975-001

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/26/2022 12:47:51 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	1/26/2022 11:08:34 AM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 11:08:34 AM	65206
Surr: DNOP	95.7	51.1-141		%Rec	1	1/26/2022 11:08:34 AM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 9:16:51 AM	A85426
Surr: BFB	97.2	70-130		%Rec	1	1/26/2022 9:16:51 AM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	1/26/2022 9:16:51 AM	B85426
Toluene	ND	0.032		mg/Kg	1	1/26/2022 9:16:51 AM	B85426
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 9:16:51 AM	B85426
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 9:16:51 AM	B85426
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	1/26/2022 9:16:51 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-2

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 9:40:00 AM

Lab ID: 2201975-002

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	1/26/2022 1:00:12 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	1/26/2022 11:19:04 AM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 11:19:04 AM	65206
Surr: DNOP	92.5	51.1-141		%Rec	1	1/26/2022 11:19:04 AM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	1/26/2022 9:40:20 AM	A85426
Surr: BFB	94.8	70-130		%Rec	1	1/26/2022 9:40:20 AM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	1/26/2022 9:40:20 AM	B85426
Toluene	ND	0.033		mg/Kg	1	1/26/2022 9:40:20 AM	B85426
Ethylbenzene	ND	0.033		mg/Kg	1	1/26/2022 9:40:20 AM	B85426
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 9:40:20 AM	B85426
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	1/26/2022 9:40:20 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-3

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 9:45:00 AM

Lab ID: 2201975-003

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	1/26/2022 1:12:32 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/26/2022 11:29:31 AM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 11:29:31 AM	65206
Surr: DNOP	91.3	51.1-141		%Rec	1	1/26/2022 11:29:31 AM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 10:03:48 AM	A85426
Surr: BFB	95.3	70-130		%Rec	1	1/26/2022 10:03:48 AM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	1/26/2022 10:03:48 AM	B85426
Toluene	ND	0.032		mg/Kg	1	1/26/2022 10:03:48 AM	B85426
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 10:03:48 AM	B85426
Xylenes, Total	ND	0.064		mg/Kg	1	1/26/2022 10:03:48 AM	B85426
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	1/26/2022 10:03:48 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-4

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 9:50:00 AM

Lab ID: 2201975-004

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/26/2022 1:24:52 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/26/2022 11:39:59 AM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 11:39:59 AM	65206
Surr: DNOP	96.5	51.1-141		%Rec	1	1/26/2022 11:39:59 AM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 10:27:16 AM	A85426
Surr: BFB	96.8	70-130		%Rec	1	1/26/2022 10:27:16 AM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	1/26/2022 10:27:16 AM	B85426
Toluene	ND	0.032		mg/Kg	1	1/26/2022 10:27:16 AM	B85426
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 10:27:16 AM	B85426
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 10:27:16 AM	B85426
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	1/26/2022 10:27:16 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-5

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 9:55:00 AM

Lab ID: 2201975-005

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/26/2022 2:01:54 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	13	9.7		mg/Kg	1	1/26/2022 11:50:29 AM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 11:50:29 AM	65206
Surr: DNOP	92.7	51.1-141		%Rec	1	1/26/2022 11:50:29 AM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 10:50:42 AM	A85426
Surr: BFB	97.8	70-130		%Rec	1	1/26/2022 10:50:42 AM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	1/26/2022 10:50:42 AM	B85426
Toluene	ND	0.031		mg/Kg	1	1/26/2022 10:50:42 AM	B85426
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 10:50:42 AM	B85426
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 10:50:42 AM	B85426
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	1/26/2022 10:50:42 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-6

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:00:00 AM

Lab ID: 2201975-006

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	61		mg/Kg	20	1/26/2022 2:14:15 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/26/2022 12:01:00 PM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 12:01:00 PM	65206
Surr: DNOP	99.4	51.1-141		%Rec	1	1/26/2022 12:01:00 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 11:14:08 AM	A85426
Surr: BFB	96.7	70-130		%Rec	1	1/26/2022 11:14:08 AM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.015		mg/Kg	1	1/26/2022 11:14:08 AM	B85426
Toluene	ND	0.031		mg/Kg	1	1/26/2022 11:14:08 AM	B85426
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 11:14:08 AM	B85426
Xylenes, Total	ND	0.061		mg/Kg	1	1/26/2022 11:14:08 AM	B85426
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	1/26/2022 11:14:08 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-7

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:05:00 AM

Lab ID: 2201975-007

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	68	60		mg/Kg	20	1/26/2022 2:26:35 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/26/2022 12:11:31 PM	65206
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	1/26/2022 12:11:31 PM	65206
Surr: DNOP	91.5	51.1-141		%Rec	1	1/26/2022 12:11:31 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 11:37:44 AM	A85426
Surr: BFB	94.5	70-130		%Rec	1	1/26/2022 11:37:44 AM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	1/26/2022 11:37:44 AM	B85426
Toluene	ND	0.031		mg/Kg	1	1/26/2022 11:37:44 AM	B85426
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 11:37:44 AM	B85426
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 11:37:44 AM	B85426
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	1/26/2022 11:37:44 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-8

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:10:00 AM

Lab ID: 2201975-008

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/26/2022 2:38:56 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/26/2022 1:46:45 PM	65206
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/26/2022 1:46:45 PM	65206
Surr: DNOP	94.2	51.1-141		%Rec	1	1/26/2022 1:46:45 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.0		mg/Kg	1	1/26/2022 12:01:15 PM	A85426
Surr: BFB	94.3	70-130		%Rec	1	1/26/2022 12:01:15 PM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.015		mg/Kg	1	1/26/2022 12:01:15 PM	B85426
Toluene	ND	0.030		mg/Kg	1	1/26/2022 12:01:15 PM	B85426
Ethylbenzene	ND	0.030		mg/Kg	1	1/26/2022 12:01:15 PM	B85426
Xylenes, Total	ND	0.061		mg/Kg	1	1/26/2022 12:01:15 PM	B85426
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	1/26/2022 12:01:15 PM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-9

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:15:00 AM

Lab ID: 2201975-009

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	120	60		mg/Kg	20	1/26/2022 2:51:17 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/26/2022 12:22:02 PM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 12:22:02 PM	65206
Surr: DNOP	95.4	51.1-141		%Rec	1	1/26/2022 12:22:02 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 1:10:47 PM	A85426
Surr: BFB	101	70-130		%Rec	1	1/26/2022 1:10:47 PM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	1/26/2022 1:10:47 PM	B85426
Toluene	ND	0.032		mg/Kg	1	1/26/2022 1:10:47 PM	B85426
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 1:10:47 PM	B85426
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 1:10:47 PM	B85426
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	1/26/2022 1:10:47 PM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-10

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:20:00 AM

Lab ID: 2201975-010

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	1/26/2022 3:03:39 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	1/26/2022 12:32:35 PM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 12:32:35 PM	65206
Surr: DNOP	92.9	51.1-141		%Rec	1	1/26/2022 12:32:35 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 1:34:22 PM	A85426
Surr: BFB	98.7	70-130		%Rec	1	1/26/2022 1:34:22 PM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	1/26/2022 1:34:22 PM	B85426
Toluene	ND	0.031		mg/Kg	1	1/26/2022 1:34:22 PM	B85426
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 1:34:22 PM	B85426
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 1:34:22 PM	B85426
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	1/26/2022 1:34:22 PM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-11

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:25:00 AM

Lab ID: 2201975-011

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/26/2022 3:15:59 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	1/26/2022 12:43:09 PM	65206
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/26/2022 12:43:09 PM	65206
Surr: DNOP	88.9	51.1-141		%Rec	1	1/26/2022 12:43:09 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 2:21:36 PM	A85426
Surr: BFB	101	70-130		%Rec	1	1/26/2022 2:21:36 PM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.015		mg/Kg	1	1/26/2022 2:21:36 PM	B85426
Toluene	ND	0.031		mg/Kg	1	1/26/2022 2:21:36 PM	B85426
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 2:21:36 PM	B85426
Xylenes, Total	ND	0.062		mg/Kg	1	1/26/2022 2:21:36 PM	B85426
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	1/26/2022 2:21:36 PM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-12

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:30:00 AM

Lab ID: 2201975-012

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/26/2022 3:28:20 PM	65215
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	1/26/2022 12:53:43 PM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 12:53:43 PM	65206
Surr: DNOP	95.5	51.1-141		%Rec	1	1/26/2022 12:53:43 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	1/26/2022 2:45:05 PM	A85426
Surr: BFB	104	70-130		%Rec	1	1/26/2022 2:45:05 PM	A85426
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	1/26/2022 2:45:05 PM	B85426
Toluene	ND	0.033		mg/Kg	1	1/26/2022 2:45:05 PM	B85426
Ethylbenzene	ND	0.033		mg/Kg	1	1/26/2022 2:45:05 PM	B85426
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 2:45:05 PM	B85426
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	1/26/2022 2:45:05 PM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-13

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:35:00 AM

Lab ID: 2201975-013

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	140	61		mg/Kg	20	1/26/2022 11:51:40 AM	65216
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	1/26/2022 1:04:17 PM	65206
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	1/26/2022 1:04:17 PM	65206
Surr: DNOP	94.7	51.1-141		%Rec	1	1/26/2022 1:04:17 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	1/26/2022 9:13:00 AM	65199
Surr: BFB	86.0	70-130		%Rec	1	1/26/2022 9:13:00 AM	65199
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.017		mg/Kg	1	1/26/2022 9:13:00 AM	65199
Toluene	ND	0.034		mg/Kg	1	1/26/2022 9:13:00 AM	65199
Ethylbenzene	ND	0.034		mg/Kg	1	1/26/2022 9:13:00 AM	65199
Xylenes, Total	ND	0.068		mg/Kg	1	1/26/2022 9:13:00 AM	65199
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	1/26/2022 9:13:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-14

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:40:00 AM

Lab ID: 2201975-014

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	1/26/2022 12:04:00 PM	65216
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/26/2022 1:14:52 PM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 1:14:52 PM	65206
Surr: DNOP	97.9	51.1-141		%Rec	1	1/26/2022 1:14:52 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.0		mg/Kg	1	1/26/2022 9:32:00 AM	65199
Surr: BFB	85.5	70-130		%Rec	1	1/26/2022 9:32:00 AM	65199
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.015		mg/Kg	1	1/26/2022 9:32:00 AM	65199
Toluene	ND	0.030		mg/Kg	1	1/26/2022 9:32:00 AM	65199
Ethylbenzene	ND	0.030		mg/Kg	1	1/26/2022 9:32:00 AM	65199
Xylenes, Total	ND	0.060		mg/Kg	1	1/26/2022 9:32:00 AM	65199
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	1/26/2022 9:32:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-15

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:45:00 AM

Lab ID: 2201975-015

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/26/2022 12:51:11 PM	65216
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/26/2022 1:25:29 PM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 1:25:29 PM	65206
Surr: DNOP	96.1	51.1-141		%Rec	1	1/26/2022 1:25:29 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 9:52:00 AM	65199
Surr: BFB	81.4	70-130		%Rec	1	1/26/2022 9:52:00 AM	65199
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.016		mg/Kg	1	1/26/2022 9:52:00 AM	65199
Toluene	ND	0.032		mg/Kg	1	1/26/2022 9:52:00 AM	65199
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 9:52:00 AM	65199
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 9:52:00 AM	65199
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	1/26/2022 9:52:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-16

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:50:00 AM

Lab ID: 2201975-016

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	200	59		mg/Kg	20	1/26/2022 1:03:37 PM	65216
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/26/2022 1:57:24 PM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 1:57:24 PM	65206
Surr: DNOP	95.7	51.1-141		%Rec	1	1/26/2022 1:57:24 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	1/26/2022 10:12:00 AM	65199
Surr: BFB	82.7	70-130		%Rec	1	1/26/2022 10:12:00 AM	65199
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.016		mg/Kg	1	1/26/2022 10:12:00 AM	65199
Toluene	ND	0.033		mg/Kg	1	1/26/2022 10:12:00 AM	65199
Ethylbenzene	ND	0.033		mg/Kg	1	1/26/2022 10:12:00 AM	65199
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 10:12:00 AM	65199
Surr: 4-Bromofluorobenzene	87.7	70-130		%Rec	1	1/26/2022 10:12:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-17

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 10:55:00 AM

Lab ID: 2201975-017

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	61	60		mg/Kg	20	1/26/2022 1:16:01 PM	65216
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	1/26/2022 12:32:51 PM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 12:32:51 PM	65206
Surr: DNOP	60.5	51.1-141		%Rec	1	1/26/2022 12:32:51 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 10:31:00 AM	65199
Surr: BFB	82.7	70-130		%Rec	1	1/26/2022 10:31:00 AM	65199
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.016		mg/Kg	1	1/26/2022 10:31:00 AM	65199
Toluene	ND	0.032		mg/Kg	1	1/26/2022 10:31:00 AM	65199
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 10:31:00 AM	65199
Xylenes, Total	ND	0.064		mg/Kg	1	1/26/2022 10:31:00 AM	65199
Surr: 4-Bromofluorobenzene	85.8	70-130		%Rec	1	1/26/2022 10:31:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CBH-18

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 11:00:00 AM

Lab ID: 2201975-018

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/26/2022 1:53:16 PM	65216
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	1/26/2022 1:36:06 PM	65206
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/26/2022 1:36:06 PM	65206
Surr: DNOP	102	51.1-141		%Rec	1	1/26/2022 1:36:06 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 10:51:00 AM	65199
Surr: BFB	83.1	70-130		%Rec	1	1/26/2022 10:51:00 AM	65199
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.015		mg/Kg	1	1/26/2022 10:51:00 AM	65199
Toluene	ND	0.031		mg/Kg	1	1/26/2022 10:51:00 AM	65199
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 10:51:00 AM	65199
Xylenes, Total	ND	0.061		mg/Kg	1	1/26/2022 10:51:00 AM	65199
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	1	1/26/2022 10:51:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CSW-1

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 11:30:00 AM

Lab ID: 2201975-019

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	160	60		mg/Kg	20	1/26/2022 2:05:41 PM	65216
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/26/2022 2:08:07 PM	65206
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	1/26/2022 2:08:07 PM	65206
Surr: DNOP	99.2	51.1-141		%Rec	1	1/26/2022 2:08:07 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	1/26/2022 11:10:00 AM	65199
Surr: BFB	86.4	70-130		%Rec	1	1/26/2022 11:10:00 AM	65199
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.017		mg/Kg	1	1/26/2022 11:10:00 AM	65199
Toluene	ND	0.034		mg/Kg	1	1/26/2022 11:10:00 AM	65199
Ethylbenzene	ND	0.034		mg/Kg	1	1/26/2022 11:10:00 AM	65199
Xylenes, Total	ND	0.067		mg/Kg	1	1/26/2022 11:10:00 AM	65199
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	1/26/2022 11:10:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CSW-2

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 11:35:00 AM

Lab ID: 2201975-020

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	290	60		mg/Kg	20	1/26/2022 2:18:06 PM	65216
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	1/26/2022 1:21:08 PM	65206
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	1/26/2022 1:21:08 PM	65206
Surr: DNOP	75.0	51.1-141		%Rec	1	1/26/2022 1:21:08 PM	65206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 11:30:00 AM	65199
Surr: BFB	83.1	70-130		%Rec	1	1/26/2022 11:30:00 AM	65199
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.016		mg/Kg	1	1/26/2022 11:30:00 AM	65199
Toluene	ND	0.032		mg/Kg	1	1/26/2022 11:30:00 AM	65199
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 11:30:00 AM	65199
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 11:30:00 AM	65199
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	1/26/2022 11:30:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CSW-3

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 11:50:00 AM

Lab ID: 2201975-021

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	280	60		mg/Kg	20	1/26/2022 2:30:30 PM	65216
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/26/2022 10:31:53 AM	65205
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 10:31:53 AM	65205
Surr: DNOP	57.1	51.1-141		%Rec	1	1/26/2022 10:31:53 AM	65205
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 11:49:00 AM	65199
Surr: BFB	83.0	70-130		%Rec	1	1/26/2022 11:49:00 AM	65199
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.016		mg/Kg	1	1/26/2022 11:49:00 AM	65199
Toluene	ND	0.032		mg/Kg	1	1/26/2022 11:49:00 AM	65199
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 11:49:00 AM	65199
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 11:49:00 AM	65199
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	1/26/2022 11:49:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CSW-4

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 11:55:00 AM

Lab ID: 2201975-022

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/26/2022 2:42:54 PM	65216
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	1/26/2022 10:55:50 AM	65205
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 10:55:50 AM	65205
Surr: DNOP	65.9	51.1-141		%Rec	1	1/26/2022 10:55:50 AM	65205
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 12:09:00 PM	65199
Surr: BFB	84.0	70-130		%Rec	1	1/26/2022 12:09:00 PM	65199
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.016		mg/Kg	1	1/26/2022 12:09:00 PM	65199
Toluene	ND	0.032		mg/Kg	1	1/26/2022 12:09:00 PM	65199
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 12:09:00 PM	65199
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 12:09:00 PM	65199
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	1/26/2022 12:09:00 PM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2201975

Date Reported: 1/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: CSW-5

Project: Gissler 3 2 Battery Transfer Line

Collection Date: 1/24/2022 12:10:00 PM

Lab ID: 2201975-023

Matrix: MEOH (SOIL)

Received Date: 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/26/2022 2:55:18 PM	65216
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/26/2022 11:20:10 AM	65205
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/26/2022 11:20:10 AM	65205
Surr: DNOP	67.6	51.1-141		%Rec	1	1/26/2022 11:20:10 AM	65205
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.0		mg/Kg	1	1/26/2022 12:48:00 PM	65199
Surr: BFB	85.4	70-130		%Rec	1	1/26/2022 12:48:00 PM	65199
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.015		mg/Kg	1	1/26/2022 12:48:00 PM	65199
Toluene	ND	0.030		mg/Kg	1	1/26/2022 12:48:00 PM	65199
Ethylbenzene	ND	0.030		mg/Kg	1	1/26/2022 12:48:00 PM	65199
Xylenes, Total	ND	0.060		mg/Kg	1	1/26/2022 12:48:00 PM	65199
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	1/26/2022 12:48:00 PM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2201975

28-Jan-22

Client: GHD Midland**Project:** Gissler 3 2 Battery Tranfer Line

Sample ID: MB-65216	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 65216	RunNo: 85429								
Prep Date: 1/26/2022	Analysis Date: 1/26/2022	SeqNo: 3006571 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-65216	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 65216	RunNo: 85429								
Prep Date: 1/26/2022	Analysis Date: 1/26/2022	SeqNo: 3006572 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

Sample ID: MB-65215	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 65215	RunNo: 85429								
Prep Date: 1/26/2022	Analysis Date: 1/26/2022	SeqNo: 3006575 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-65215	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 65215	RunNo: 85429								
Prep Date: 1/26/2022	Analysis Date: 1/26/2022	SeqNo: 3006576 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.3	90	110			

Sample ID: MB-65216	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 65216	RunNo: 85428								
Prep Date: 1/26/2022	Analysis Date: 1/26/2022	SeqNo: 3006678 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-65216	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 65216	RunNo: 85428								
Prep Date: 1/26/2022	Analysis Date: 1/26/2022	SeqNo: 3006680 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.5	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2201975

28-Jan-22

Client: GHD Midland**Project:** Gissler 3 2 Battery Tranfer Line

Sample ID: LCS-65205	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 65205			RunNo: 85408						
Prep Date: 1/26/2022	Analysis Date: 1/26/2022			SeqNo: 3005450		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	64	10	50.00	0	129	68.9	135			
Surr: DNOP	5.1		5.000		102	51.1	141			

Sample ID: LCS-65206	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 65206			RunNo: 85408						
Prep Date: 1/26/2022	Analysis Date: 1/26/2022			SeqNo: 3005451		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.7	68.9	135			
Surr: DNOP	4.6		5.000		92.0	51.1	141			

Sample ID: MB-65205	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 65205			RunNo: 85408						
Prep Date: 1/26/2022	Analysis Date: 1/26/2022			SeqNo: 3005452		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		90.7	51.1	141			

Sample ID: MB-65206	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 65206			RunNo: 85408						
Prep Date: 1/26/2022	Analysis Date: 1/26/2022			SeqNo: 3005453		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		90.9	51.1	141			

Sample ID: 2201975-001AMS	SampType: MS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: CBH-1	Batch ID: 65206			RunNo: 85409						
Prep Date: 1/26/2022	Analysis Date: 1/26/2022			SeqNo: 3005975		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	36	9.2	46.21	7.827	61.3	39.3	155			
Surr: DNOP	2.7		4.621		58.2	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2201975

28-Jan-22

Client: GHD Midland**Project:** Gissler 3 2 Battery Tranfer Line

Sample ID: 2201975-021AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: CSW-3	Batch ID: 65205	RunNo: 85409								
Prep Date: 1/26/2022	Analysis Date: 1/26/2022	SeqNo: 3005979 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	38	9.6	47.85	0	80.3	39.3	155			
Surr: DNOP	2.0		4.785		42.7	51.1	141			S

Sample ID: 2201975-021AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: CSW-3	Batch ID: 65205	RunNo: 85409								
Prep Date: 1/26/2022	Analysis Date: 1/26/2022	SeqNo: 3005980 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.4	46.82	0	84.4	39.3	155	2.76	23.4	
Surr: DNOP	2.3		4.682		48.1	51.1	141	0	0	S

Sample ID: 2201975-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: CBH-1	Batch ID: 65206	RunNo: 85409								
Prep Date: 1/26/2022	Analysis Date: 1/26/2022	SeqNo: 3006147 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.4	46.82	7.827	69.3	39.3	155	10.8	23.4	
Surr: DNOP	3.0		4.682		63.4	51.1	141	0	0	

Sample ID: LCS-65150	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 65150	RunNo: 85408								
Prep Date: 1/24/2022	Analysis Date: 1/26/2022	SeqNo: 3006536 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		87.0	51.1	141			

Sample ID: MB-65150	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 65150	RunNo: 85408								
Prep Date: 1/24/2022	Analysis Date: 1/26/2022	SeqNo: 3006539 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.3		10.00		93.1	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2201975

28-Jan-22

Client: GHD Midland**Project:** Gissler 3 2 Battery Tranfer Line

Sample ID: mb-65199	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 65199			RunNo: 85406						
Prep Date: 1/25/2022	Analysis Date: 1/26/2022			SeqNo: 3005196	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		88.8	70	130			

Sample ID: lcs-65199	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 65199			RunNo: 85406						
Prep Date: 1/25/2022	Analysis Date: 1/26/2022			SeqNo: 3005197	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	85.2	78.6	131			
Surr: BFB	1000		1000		102	70	130			

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: A85426			RunNo: 85426						
Prep Date:	Analysis Date: 1/26/2022			SeqNo: 3006336	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		98.8	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: A85426			RunNo: 85426						
Prep Date:	Analysis Date: 1/26/2022			SeqNo: 3006337	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.9	78.6	131			
Surr: BFB	1100		1000		114	70	130			

Sample ID: 2201975-001ams	SampType: MS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: CBH-1	Batch ID: A85426			RunNo: 85426						
Prep Date:	Analysis Date: 1/26/2022			SeqNo: 3006352	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	16	3.2	15.76	0	104	70	130			
Surr: BFB	710		630.5		112	70	130			

Sample ID: 2201975-001amsd	SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: CBH-1	Batch ID: A85426			RunNo: 85426						
Prep Date:	Analysis Date: 1/26/2022			SeqNo: 3006353	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2201975
28-Jan-22

Client: GHD Midland
Project: Gissler 3 2 Battery Tranfer Line

Sample ID: 2201975-001amsd		SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range						
Client ID: CBH-1		Batch ID: A85426		RunNo: 85426						
Prep Date:		Analysis Date: 1/26/2022		SeqNo: 3006353		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	16	3.2	15.76	0	99.6	70	130	3.90	20	
Surr: BFB	740		630.5		118	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2201975

28-Jan-22

Client: GHD Midland**Project:** Gissler 3 2 Battery Tranfer Line

Sample ID: mb-65199	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 65199	RunNo: 85406								
Prep Date: 1/25/2022	Analysis Date: 1/26/2022	SeqNo: 3005201 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.1	70	130			

Sample ID: lcs-65199	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 65199	RunNo: 85406								
Prep Date: 1/25/2022	Analysis Date: 1/26/2022	SeqNo: 3005202 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		91.6	70	130			

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: B85426	RunNo: 85426								
Prep Date:	Analysis Date: 1/26/2022	SeqNo: 3006359 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		99.4	70	130			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: B85426	RunNo: 85426								
Prep Date:	Analysis Date: 1/26/2022	SeqNo: 3006360 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.5	80	120			
Toluene	0.96	0.050	1.000	0	95.6	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.6	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Estimated value
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Limit
S % Recovery outside of range due to dilution or matrix interference	

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2201975

28-Jan-22

Client: GHD Midland**Project:** Gissler 3 2 Battery Tranfer Line

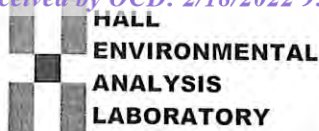
Sample ID: 2201975-002ams		SampType: MS		TestCode: EPA Method 8021B: Volatiles						
Client ID: CBH-2		Batch ID: B85426		RunNo: 85426						
Prep Date:		Analysis Date: 1/26/2022		SeqNo: 3006373		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.61	0.016	0.6519	0	93.4	80	120			
Toluene	0.62	0.033	0.6519	0	94.9	80	120			
Ethylbenzene	0.63	0.033	0.6519	0	96.3	80	120			
Xylenes, Total	1.9	0.065	1.956	0	97.5	80	120			
Surr: 4-Bromofluorobenzene	0.69		0.6519		105	70	130			

Sample ID: 2201975-002amsd		SampType: MSD		TestCode: EPA Method 8021B: Volatiles						
Client ID: CBH-2		Batch ID: B85426		RunNo: 85426						
Prep Date:		Analysis Date: 1/26/2022		SeqNo: 3006374		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.58	0.016	0.6519	0	89.1	80	120	4.79	20	
Toluene	0.59	0.033	0.6519	0	91.1	80	120	4.10	20	
Ethylbenzene	0.60	0.033	0.6519	0	92.7	80	120	3.89	20	
Xylenes, Total	1.8	0.065	1.956	0	93.4	80	120	4.27	20	
Surr: 4-Bromofluorobenzene	0.68		0.6519		104	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Estimated value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD Midland

Work Order Number: 2201975

RcptNo: 1

Received By: Tracy Casarrubias 1/26/2022 7:30:00 AM

Completed By: Desiree Dominguez 1/26/2022 7:59:45 AM

Reviewed By: KPA 1/26/22

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐ # of preserved bottles checked for pH: (2 or 12 unless noted)
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐ Adjusted?
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐ Checked by: CMC 1/26/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.5	Good				

Chain-of-Custody Record

Client: GHD

Mailing Address:

324 W. Main St. Suite 108, Artesia NM 88210

Phone #: (505)377-4218

email or Fax#: Becky.Haskell@ghd.com

QA/QC Package:

☐ Standard☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

☐ Standard ☒ Rush

Project Name:

Coisler 3-2 Battery Transfer Line

Project #:

12573596

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 46-0.1 = 4.5%

Date Time Matrix Sample Name

02/24/22 0935

S

CBH-1

HEAL No. 2201975

Container Type and #

Preservative Type

001

002

003

004

005

006

007

008

009

010

011

012

013

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Chain-of-Custody Record

Client: GHD

Mailing Address:

324 W. Main St. Suite 108, Artesia NM 88210

Phone #: (505)377-4218

email or Fax#: Becky.Haskell@ghd.com

QA/QC Package:

☐ Standard☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC☐ Other☐ EDD (Type)

Turn-Around Time:

☐ Standard ☒ Rush

Project Name:

Cisler 3-2 Battery Transfer Line

Project #:

12573596

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CFI): 4.6 - 0.1 = 4.5

Date Time Matrix Sample Name

02/24/22 1035 S CBH-13

1040 CBH-14

1045 CBH-15

1050 CBH-16

1055 CBH-17

1100 CBH-18

1130 CSW-1

1135 CSW-2

1150 CSW-3

1155 CSW-4

1200 CSW-5

Container Type and #

Preservative Type

HEAL No.

Jc

013

014

015

016

017

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021

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023

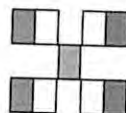
Received by: Via: Date Time

02/25/22 0800 Zach Comino 1/15/22 800

Received by: Via: Date Time

02/25/22 1900 Becky Haskell 1/26/22 1:30

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX / MTBE / TMB's (8021) ☒

TPH: 8015D (GRO / DRO / MRO) ☒

8081 Pesticides/8082 PCB's ☒

EDB (Method 504.1) ☒

PAHs by 8310 or 8270SIMS ☒

RCRA 8 Metals ☒

Cl, F, Br, NO₃, NO₂, PO₄, SO₄ ☒

8260 (VOA) ☒

8270 (Semi-VOA) ☒

Total Coliform (Present/Absent) ☒

2460 (Keller) 300

Remarks: Please email: Chase_Settle@eogresources.com;
Tom.Larson@ghd.com; Zach.Comino@ghd.com
Matthew.Laughlin@ghd.com: Along with Becky Haskell
listed above.

Direct Bill to EOG Chase Settle

Same Day 2/25/22

Attachment 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 3-2 Battery Transfer Line

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

EOG Resources, Inc. authorizes Lea Land to complete the required testing and sign the Generator Waste Testing Certificate.

Estimated Volume 180 yd³ / bbls Known Volume (to be entered by the operator at the end of the haul) _____ yd³ / bbls

5. **GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS**
I, Tina Huerta, 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. Operator Use Only: Waste Acceptance Frequency ☒ 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:**
Standard Safety and Supply

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: Shelly Denton

TITLE: Manager

DATE: 1-18-22

SIGNATURE: Shelly Denton
Surface Waste Management Facility Authorized Agent

TELEPHONE NO.: 405-236-4257

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

Luccro
8**NON-HAZARDOUS WASTE MANIFEST**NO **149571**

1. PAGE ___ OF ___

2. TRAILER NO.

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 1/21/2022	
	PHONE NO. (575) 748-1471		CITY STATE ZIP Artesia NM 88210		6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. Non-Regulated, Non Hazardous Waste				1	CM
T R A N S P O R T E R S	b.					
	c.					
	d. WT: 41920					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B 3-2 BATTERY TRANSFER LINE				13. WASTE PROFILE NO.	
D I S P O S I T Y	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME JOE ONTIVEROS		PHONE NO 575-887-4048		24-HOUR EMERGENCY NO.	
	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	
D I S P O S I T Y	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 GAVALDON		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T Y	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 Enrique Hernandez		PRINTED/TYPED NAME			
	SIGNATURE Enrique Hedz. DATE 1/21/2022		SIGNATURE DATE			
D I S P O S I T 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 [Signature]		CELL NO.		DATE 1/21/2022	
D I S P O S I T Y	TIME 1215					

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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

LABORIN

NON-HAZARDOUS WASTE MANIFESTNO **149572**

1. PAGE ___ OF ___

2. TRAILER NO. **07**

G E N E R A T O R	3. COMPANY NAME E.O.G. Resources PHONE NO. (575) 748-1471	4. ADDRESS 105 South 4th St. CITY Artesia STATE NM ZIP 88210	5. PICK-UP DATE 1/21/2022	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. Non-Regulated, Non Hazardous Waste		1 CM	
	b.			
T R A N S P O R T E R S	c.			
	d. WT: 39100 35920			
	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B 3-2 BATTERY TRANSFER LINE Te 75020		13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT			
D I S P O S I T Y	NAME JOE ONTIVEROS		PHONE NO 575-887-4048	
	24-HOUR EMERGENCY NO.			
	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	
D I S P O S I T Y	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 GAVALDON		IN CASE OF EMERGENCY CONTACT:	
D I S P O S I T Y	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 JOSE MARIA MARTINEZ		PRINTED/TYPED NAME	
	SIGNATURE [Signature] DATE 1/21/2022		SIGNATURE DATE	
D I S P O S I T 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.			
D I S P O S I T Y	AUTHORIZED SIGNATURE [Signature]		CELL NO.	DATE 1/21/2022
	TIME 1230			

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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

DC
77

NON-HAZARDOUS WASTE MANIFEST

NO 149573

1. PAGE ___ OF ___

2. TRAILER NO. 77

G E N E R A T O R	3. COMPANY NAME E.O.G. Resources PHONE NO. (575) 748-1471		4. ADDRESS 105 South 4th St. CITY STATE ZIP Artesia NM 88210		5. PICK-UP DATE 1/21/2022	
					6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type		9. TOTAL QUANTITY	10. UNIT Wt/Vol.
	a. Non-Regulated, Non Hazardous Waste		1 CM			
	b.					
	c.					
	d. WT: 32900 34620					
A T T E N T I O N	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B 3-2 BATTERY TRANSFER LINE Te 67520				13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY NO. JOE ONTIVEROS 575-887-4048					
O F F I C I A L	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) NAME: STANDARD SAFETY & SUPPLY TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON EMERGENCY PHONE: (432) 741-2509		17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Daniel Tarin SIGNATURE Daniel Tarin DATE 1/21/2022		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME 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 Daniel Ontiveros		CELL NO.		DATE 1/21/2022	TIME 12:55

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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 **149574**

1. PAGE ___ OF ___

2. TRAILER NO. **19**

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 1/21/2022	
	PHONE NO. (575) 748-1471		CITY STATE ZIP Artesia NM 88210		6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. Non-Regulated, Non Hazardous Waste				1 CM	
E N V I R O N M E N T	b.					
	c.					
	d. WT: 34120 32420					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B 3-2 BATTERY TRANSFER LINE Te 66540				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.	
	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	
D I S P O S I T O R Y	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 GAVALDON		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	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 Leo Savic		PRINTED/TYPED NAME			
	SIGNATURE Leo Savic DATE 1/21/2022		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 Dante Ontiveros		CELL NO.		DATE 1/21/2022	TIME 100

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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

*Lucero***NON-HAZARDOUS WASTE MANIFEST**NO **149588**

1. PAGE ___ OF ___

2. TRAILER NO. **777**

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 1/24/2022	
	PHONE NO. (575) 748-1471		CITY Artesia	STATE NM	ZIP 88210	6. TNRCC I.D. NO.
N E R E S	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No.	Type
	a. Non-Regulated, Non Hazardous Waste				1	CM
	b.					
	c.					
A T T R I B U T E S	d. WT: 40820					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B 3-2 BATTERY TANSFER LINE				13. WASTE PROFILE NO.	
O T H E R I N F O R M A T I O N	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME JOE ONTIVEROS		PHONE NO. 575-887-4048		24-HOUR EMERGENCY NO.	
R E C E I V E 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		SIGNATURE		DATE	
T R A N S P O R T E R S	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 GAVALDON		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T I O N	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 OBE7 Lucero		PRINTED/TYPED NAME			
	SIGNATURE Obet Lucero DATE 1/24/2022		SIGNATURE DATE			
D I S P O S I T I O N	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 Joe Ontiveros		CELL NO.		DATE 1/24/2022	TIME 11 55

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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

Lucero

NON-HAZARDOUS WASTE MANIFESTNO **149589**

1. PAGE ___ OF ___

2. TRAILER NO. **8**

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 1/24/2022	
	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
	a. Non-Regulated, Non Hazardous Waste				1 CM	
T R A N S P O R T E R S	b.					
	c.					
	d. WT: 36960					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B-3-2 BATTERY TANSFER LINE				13. WASTE PROFILE NO.	
D I S P O S I T Y	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME JOE ONTIVEROS		PHONE NO. 575-887-4048		24-HOUR EMERGENCY NO.	
	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: STANDARD SAFETY & SUPPLY		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T Y	EMERGENCY PHONE: (432) 741-2508		EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material			
	PRINTED/TYPED NAME Enrique Hernandez		PRINTED/TYPED NAME			
	SIGNATURE Enrique Hernandez DATE 1/24/2022		SIGNATURE DATE			
D I S P O S I T 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 Joe Ontiveros		CELL NO.		DATE 1/24/2022	TIME 12:10

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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

*Porras***NON-HAZARDOUS WASTE MANIFEST**NO **149590**

1. PAGE ___ OF ___

2. TRAILER NO. **L-17**

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 1/24/2022	
	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
	a. Non-Regulated, Non Hazardous Waste				1 CM	
R E C E I V E R	b.					
	c.					
	d. WT: 346.20					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B 3-2 BATTERY TANSFER LINE				13. WASTE PROFILE NO.	
T R A N S P O R T E R	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 R	15. GENERATOR'S CERTIFICATION: I Herby 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: STANDARD SAFETY & SUPPLY		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T I O N	EMERGENCY PHONE: (432) 741-2508		EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material			
	PRINTED/TYPED NAME CARLOS ROSSI		PRINTED/TYPED NAME			
	SIGNATURE [Signature] DATE 1/24/2022		SIGNATURE DATE			
D I S P O S I T I O N S I T E	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 Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE [Signature]		CELL NO.		DATE 1/24/2022	TIME 1250

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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

NON-HAZARDOUS WASTE MANIFESTNO **149591**

1. PAGE ___ OF ___

2. TRAILER NO. **21**

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 1/24/2022	
	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
	a. Non-Regulated, Non Hazardous Waste				1 CM	
E N V I R O N M E N T	b.					
	c.					
	d. WT: 34900					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B 3-2 BATTERY TANSFER LINE				13. WASTE PROFILE NO.	
A U T H O R I Z E D	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME JOE ONTIVEROS		PHONE NO. 575-887-4048		24-HOUR EMERGENCY NO.	
	15. GENERATOR'S CERTIFICATION: I Herby 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: STANDARD SAFETY & SUPPLY		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T I O N	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 Rogelio N		PRINTED/TYPED NAME			
	SIGNATURE [Signature]		SIGNATURE			
D I S P O S I T I O N	ADDRESS: 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 Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE [Signature]		CELL NO.		DATE 1/24/2022	
A U T H O R I Z E D	TIME 300					

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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 82600

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 82600
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	None	2/28/2022