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

)

Page 1 of 46

Incident ID	nAPP2116941928
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		
Contact mailing address 104 S. 4th Street, Artesia, NM 88210		

Location of Release Source

Latitude 32.64837

Longitude -104.54375

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Roden GD Federal #3	Site Type Battery
Date Release Discovered 06/15/2021	API# (if applicable) 30-015-26096

Unit Letter	Section	Township	Range	County
F	24	19S	24E	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)

Volume Released (bbls) Unknown Volume Recovered (bbls) 0	
Volume Released (bbls)	Volume Recovered (bbls)
Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Volume Released (bbls)	Volume Recovered (bbls)
Volume Released (Mcf)	Volume Recovered (Mcf)
Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
cal impacts were discovered during the P&A on oth had corrosion damage that allowed the re known.	of the battery. The steel oil tank and fiberglass lease of crude oil. Release volume and date
	Volume Released (bbls) Unknown Volume Released (bbls) Is the concentration of dissolved chloride in the produced water >10,000 mg/l? Volume Released (bbls) Volume Released (Mcf) Volume/Weight Released (provide units) cal impacts were discovered during the P&A oth had corrosion damage that allowed the re- known.

Page 2

	Page 2 of 4
Incident ID	nAPP2116941928
District RP	
Facility ID	
Application ID	

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

Initial Response

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

 \checkmark The source of the release has been stopped.

 \checkmark The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Chase Settle

Signature: Chase Settle

Title: Rep Safety & Environmental Sr	
--------------------------------------	--

_{email:} Chase_Settle@eogresources.com

Date: 06/18/2021 Telephone: 575-748-1471

OCD Only

Received by:

Date:

Received by OCD: 12/17/2021 9:15:09 AM Form C-141 State of New Mexico

Oil Conservation Division

	Page 3 of 4
Incident ID	nAPP2116941928
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data
- X Data table of soil contaminant concentration data
- X Depth to water determination
- X Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- X 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.

Received by OCD: 12/17/	2021 9:15:09 AM	0		Page 4 of 46
Form C-141			Incident ID	nAPP2116941928
Page 4	Oil Conservation Divis	sion	District RP	
			Facility ID	
			Application ID	
I hereby certify that the intregulations all operators and public health or the environ failed to adequately invest addition, OCD acceptance and/or regulations. Printed Name: Chase Signature: Chase email: Chase Set	tormation given above is true and complete re required to report and/or file certain relear nment. The acceptance of a C-141 report by igate and remediate contamination that pose of a C-141 report does not relieve the opera e Settle Settle tle@eogresources.com	to the best of my knowledge a se notifications and perform c y the OCD does not relieve the a threat to groundwater, surfa ator of responsibility for comp Title: <u>Rep Safet</u> Date: <u>12/16/202</u> Telephone: <u>575-7</u>	and understand that purs orrective actions for rele e operator of liability sh ace water, human health liance with any other fe ty & Environmen 21 748-1471	to OCD rules and eases which may endanger ould their operations have to or the environment. In deral, state, or local laws
OCD Only Received by:	rifer Nobui	Date: 01/3	31/2022	

Delineation Workplan approved. Locate soil boring for vertical delineation as close as possible to TP-5. Collect soil samples at 5-foot intervals from 20-50 ft bgs for 8015 and 8021.

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



Our ref: 11230055

December 15, 2021

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

Re: Site Characterization and Delineation Work Plan Roden GD Federal #3 Release Site EOG Resources Inc. Incident ID: nAPP2116941928 F-24-19S-24E, Eddy County, New Mexico

To Whom It May Concern:

1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Characterization and Delineation Work Plan to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of delineation, sampling, and analyses in the affected area at the EOG Roden GD Federal #3 Release Site (Site). The Site is located in Unit Letter F Section 24 of Township 19 South and Range 24 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.64837 N latitude and 104.54375 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 Figure 2, Site Assessment: Soil Analytical Results Map.

2. Background Information

A C-141, Release Notification, for this release was submitted to the NMOCD on June 18, 2021. The C-141 stated that no known volume or date could be assigned to this historical release. The potential release area was discovered during EOG well plugging and site abandonment activities associated with this location. Soils within the former tank battery containment appeared to be discolored and after discussions between field personnel and environmental staff, EOG made the decision to go ahead and file a C-141 for this suspect release location.

The release falls under the jurisdiction of the NMOCD District 2 Office in Artesia, New Mexico. The NMOCD assigned the release with Incident Number NAPP2116941928. The Release Notification and Site Assessment/Characterization portions of Form C-141 are attached to the front of this report.

→ The Power of Commitment

3. Groundwater and Site Characterization

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

According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is located within an area of medium karst potential. No groundwater data could be located within one-half mile of the Site. No receptors (water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. The Site characterization documentation (Karst Potential, 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.)
No Receptors Found	Unknown Within A Half Mile

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

Constituent	Limits
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
TPH (GRO+DRO)	Not Applicable
Benzene	10 mg/kg
ВТЕХ	50 mg/kg

Since no groundwater data could be located within one half mile from the site. GHD and White Drilling Company, Inc (White) will return to the site December 22, 2021, through January 13, 2022, with a drilling rig to install a groundwater determination soil boring, at the following GPS Coordinates, 32.64807 N latitude and 104.54439 W longitude located within 0.5 miles from the site. The groundwater determination soil boring will be drilled to 105 feet below ground surface (bgs) and will be left open for 72 hours to determine the presence or absence of groundwater by utilization of a water level meter. The groundwater determination soil boring is depicted on Figure 2, Site Assessment: Soil Analytical Results Map. If groundwater is detected at fifty-one (51) feet or greater the closure criteria for this site will change accordingly with NMAC 19.15.29.12 Table 1.

4. Initial Soil Delineation Assessment Summary and Findings

On July 19, 2021, GHD Services Inc. (GHD) and EOG's contractor Culberson Construction Energy Services (CCI) installed seven (7) test pits, TP1 through TP7, within the suspected impacted area. Soil samples were collected at depths ranging from surface to twenty (20) feet bgs. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico.

One (1) of the seven (7) test pits had samples exceeding applicable NMAC Table 3.1 Closure Criteria for groundwater less than fifty (50) feet: TP5-15 and TP5-20. Figure 2, Site Assessment: Soil Analytical Results Map, depicts the locations of the initial delineation 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. nAPP2116941928 Proposed Work Plan

Test pit TP5 exhibited BTEX and Total TPH above Table 1 closure criteria to a depth of twenty (20) feet bgs. Between the dates of December 22, 2021, through January 13, 2022, GHD and White will install a boring around the area of TP5 to delineate the BTEX and Total TPH impacts. During boring installation samples will be obtained every five (5) to ten (10) feet starting at twenty-five (25) feet bgs until field screening and observations indicate the boring is delineated. Select soil samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300.

Additionally, GHD and White will install a groundwater determination soil boring, at the following GPS Coordinates, 32.64807 N latitude and 104.54439 W longitude located within 0.5 miles from the site. The groundwater determination soil boring will be drilled to 105 feet bgs and left open for 72 hours to determine the presence or absence of groundwater by utilization of a water level meter.

Once analytical results are obtained from the laboratory they will be evaluated and a new work plan for remediation will be prepared and submitted to the NMOCD for evaluation within 60 days.

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

Sincerely,

GHD

Reberra Haskell

Becky Haskell Senior Project Manager

BH/ZC/1

Zach H. Comino Field Geologist

Encl. Figure 1 – Site Location Map
 Figure 2 – Site Assessment: Soil Analytical Results Map
 Table 1 – Summary of Soil Analytical Data
 Attachment A – Site Characterization Documentation
 Attachment B – Laboratory Analytical Reports and Chain-of-Custody Documentation

cc: Chase Settle



Figures

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SITE LOCATION MAP

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

Data Source: USGS 7.5 Minute Quad "Parish Ranch, Foster Ranch, Dayton, and Seven Rivers, New Mexico" Lat/Long: 32.6482° North, 104.5443° West

FIGURE 1

ALC: NOT THE R. LEWIS	A DESCRIPTION OF THE OWNER OF THE	Contraction of the local division of the loc	Contraction of the second second	AND DESCRIPTION OF TAXABLE PARTY.	A CONTRACTOR OF A	E. C. B. B. M. S.
	Sample	Depth	Benzene	BTEX	TPH Total GRO/DRO/MRO	Chloride
Sample ID	Date	(feet bgs)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
			Table I C	losure Criteria	for Soils <50 feet	Depth to
			10 mg/Kg	50 mg/Kg	100 mg/Kg	600 mg/Kg
		Initial As	ssessment San	nples		
TP1-2	7/19/21	2	<0.025	<0.099	<47	<60
TP1-4	7/19/21	4	< 0.025	<0.099	<50	<60
TP1-6	7/19/21	6	<0.024	<0.096	<50	150
TP2-S	7/19/21	Surface	<0.025	<0.098	<49	<60
TP2-2	7/19/21	2	<0.025	<0.099	<49	<60
TP3-S	7/19/21	Surface	<0.024	<0.096	<49	<60
TP3-2	7/19/21	2	<0.024	<0.096	<48	<60
TP4-S	7/19/21	Surface	<0.024	<0.097	14	<60
TP4-2	7/19/21	2	<0.025	<0.10	<48	<60
TP5-15	7/19/21	15	4.1	197.1	15,800	110
TP5-20	7/19/21	20	10	221	14,600	140
TP6-S	7/19/21	Surface	<0.024	<0.097	<49	<60
TP6-2	7/19/21	2	<0.024	<0.098	<43	<60
TP7-S	7/19/21	Surface	<0.025	<0.099	<48	150
TP7-2	7/19/21	2	< 0.025	<0.10	<49	<60

DTW Boring
 TP-6

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∙	SOIL BORING (SB)
0	DEPTH TO GROUNDWATER DETERMINATION SB

CONCENTRATION (MG/KG)

PROPOSED EXCAVATED AREA (4 FT)

LEGEND

TEST PIT LOCATION

- DEPTH OF SAMPLE (FT) BTEX BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG) TPH TOTAL PETROLEUM HYDROCARBONS
- NOTES:
- ENES 1. RESULTS IN MILLIGRAMS PER KILOGRAM (MG/KG).
 - 2. SEE TABLE 1 FOR FULL ANALYTICAL RESULTS/DETAILS.
 - 3. YELLOW SHADED CELLS INDICATE EXCEEDANCE.





Filename: N:USMidland/Projects/562/11230055/Digital_Design/ACAD/Figures/RPT001/11230055-GHD-0000-RPT-EN-0101_DL-001.dwg Plot Date: 13 December 2021 4:20 PM





SITE ASSESSMENT: SOIL ANALYTICAL RESULTS MAP

FIGURE 2

Project No. 11230055-02

Date December 2021

Data Source: Image © 2021 Google - Imagery Date: December 21, 2019 Lat/Long: 32.6482° North, 104.5443° West

Tables

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Table 1Summary of Soil Analytical DataRoden GD Federal 3EOG ResourcesEddy County, New Mexico

	Sample										ТРН		
Ormala ID		Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(feet bgs)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	
					Table I C	Closure Criteria	for Soils <50 fe	et Depth to Gro	undwater 19.15.	29 NMAC			
			10 mg/Kg				50 mg/Kg				100 mg/Kg	600 mg/Kg	
Initial Assessment Samples													
TP1-2	7/19/21	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.4	<47	<47	<60	
TP1-4	7/19/21	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	< 10	<50	<50	<60	
TP1-6	7/19/21	6	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<50	<50	150	
TP2-S	7/19/21	Surface	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<49	<60	
TP2-2	7/19/21	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.8	<49	<49	<60	
TP3-S	7/19/21	Surface	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.7	<49	<49	<60	
TP3-2	7/19/21	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.7	<48	<48	<60	
TP4-S	7/19/21	Surface	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	14	<49	14	<60	
TP4-2	7/19/21	2	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.5	<48	<48	<60	
	7/40/04					400	407.4				45.000		
TP5-15	7/19/21	15	4.1	20	13	100	197.1	2,000	9,900	3,900	15,800	110	
TP5-20	7/19/21	20	10	19	82	110	221	2,300	8,800	3,500	14,600	140	
TP6-S	7/19/21	Surface	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.8	<49	<49	<60	
TP6-2	7/19/21	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<8.7	<43	<43	<60	
TP7-S	7/19/21	Surface	<0.025	<0.050	< 0.050	<0.099	<0.099	<5.0	<9.7	<48	<48	150	
TP7-2	7/19/21	2	<0.025	<0.050	< 0.050	<0.10	<0.10	<5.0	<9.7	<49	<49	<60	

Notes:

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.

B-BH-2 Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

GRO/DRO/MRO = Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMOC 19.15.29.12 Table 1

Closure Criteria for the site.

8. J - the target analytes was positively identified below the quantitation limit and above the detection limit.

Attachment A Site Characterization Documentation



Roden GD Federal #3



12/14/2021, 8:26:02 AM

GIS WATERS PODs

Active

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Water Right Regulations

OSE District Boundary SiteBoundaries

Pending
 Closure Area



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

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Received by OCD: 12/17/2021 9:15:09 AM National Flood Hazard Layer FIRMette



Legend

regulatory purposes.

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

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U.S. Fish and Wildlife Service

National Wetlands Inventory

Roden GD Federal #3



December 14, 2021

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.

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

Attachment B Laboratory Analytical Reports and Chain-of-Custody Documentation



July 29, 2021

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

RE: Roden GD Federal 3

OrderNo.: 2107A10

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 15 sample(s) on 7/21/2021 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,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CI IENT.	GHD Midland		CI	ient Samnle II)• TE	21_2	
Duciest.	De ders CD Es dersel 2				7 , 11	1-2	
Project:	Roden GD Federal 5		,	onection Date	e: //1	19/2021 7:45:00 AM	
Lab ID:	2107A10-001	Matrix: SOIL		Received Date	e: 7/2	21/2021 7:50:00 AM	
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	: VP
Chloride		ND	60	mg/Kg	20	7/27/2021 1:58:45 AM	61562
EPA ME	THOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.4	mg/Kg	1	7/23/2021 1:46:03 PM	61492
Motor O	il Range Organics (MRO)	ND	47	mg/Kg	1	7/23/2021 1:46:03 PM	61492
Surr:	DNOP	99.9	70-130	%Rec	1	7/23/2021 1:46:03 PM	61492
EPA ME	THOD 8015D: GASOLINE RAN	GE				Analyst	NSB
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	7/23/2021 6:35:49 PM	61466
Surr:	BFB	94.7	70-130	%Rec	1	7/23/2021 6:35:49 PM	61466
EPA ME	THOD 8021B: VOLATILES					Analyst	NSB
Benzene	9	ND	0.025	mg/Kg	1	7/23/2021 6:35:49 PM	61466
Toluene		ND	0.049	mg/Kg	1	7/23/2021 6:35:49 PM	61466
Ethylber	izene	ND	0.049	mg/Kg	1	7/23/2021 6:35:49 PM	61466
Xylenes,	, Total	ND	0.099	mg/Kg	1	7/23/2021 6:35:49 PM	61466
Surr: 4	4-Bromofluorobenzene	97.4	70-130	%Rec	1	7/23/2021 6:35:49 PM	61466

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit

Page 1 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland		Cl	ient Sample II): TF	21-4	
Project:	Roden GD Federal 3		(Collection Dat	e: 7/1	19/2021 7:50:00 AM	
Lab ID:	2107A10-002	Matrix: SOIL		Received Date	e: 7/2	21/2021 7:50:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: VP
Chloride		ND	60	mg/Kg	20	7/27/2021 2:11:10 AM	61562
EPA MET	THOD 8015M/D: DIESEL RANG	BE ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	7/23/2021 2:29:20 PM	61492
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	7/23/2021 2:29:20 PM	61492
Surr: I	DNOP	107	70-130	%Rec	1	7/23/2021 2:29:20 PM	61492
EPA MET	THOD 8015D: GASOLINE RAN	GE				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	7/23/2021 6:59:17 PM	61466
Surr: I	BFB	93.6	70-130	%Rec	1	7/23/2021 6:59:17 PM	61466
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.025	mg/Kg	1	7/23/2021 6:59:17 PM	61466
Toluene		ND	0.049	mg/Kg	1	7/23/2021 6:59:17 PM	61466
Ethylben	zene	ND	0.049	mg/Kg	1	7/23/2021 6:59:17 PM	61466
Xylenes,	Total	ND	0.099	mg/Kg	1	7/23/2021 6:59:17 PM	61466
Surr: 4	4-Bromofluorobenzene	96.3	70-130	%Rec	1	7/23/2021 6:59:17 PM	61466

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

Qualifiers:

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland		Cl	ient Sample II): TP	21-6	
Project:	Roden GD Federal 3		(Collection Date	e: 7/1	19/2021 7:55:00 AM	
Lab ID:	2107A10-003	Matrix: SOIL		Received Date	e: 7/2	21/2021 7:50:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: VP
Chloride		150	60	mg/Kg	20	7/27/2021 2:23:35 AM	61562
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.9	mg/Kg	1	7/23/2021 2:40:51 PM	61492
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	7/23/2021 2:40:51 PM	61492
Surr: [DNOP	107	70-130	%Rec	1	7/23/2021 2:40:51 PM	61492
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	7/23/2021 7:22:45 PM	61466
Surr: E	3FB	94.0	70-130	%Rec	1	7/23/2021 7:22:45 PM	61466
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB
Benzene		ND	0.024	mg/Kg	1	7/23/2021 7:22:45 PM	61466
Toluene		ND	0.048	mg/Kg	1	7/23/2021 7:22:45 PM	61466
Ethylben	zene	ND	0.048	mg/Kg	1	7/23/2021 7:22:45 PM	61466
Xylenes,	Total	ND	0.096	mg/Kg	1	7/23/2021 7:22:45 PM	61466
Surr: 4	1-Bromofluorobenzene	96.5	70-130	%Rec	1	7/23/2021 7:22:45 PM	61466

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland		Cl	ient Sample II): TF	2-S	
Project:	Roden GD Federal 3		(Collection Dat	e: 7/1	19/2021 8:10:00 AM	
Lab ID:	2107A10-004	Matrix: SOIL		Received Date	e: 7/2	21/2021 7:50:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: VP
Chloride		ND	60	mg/Kg	20	7/27/2021 2:36:00 AM	61562
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	7/23/2021 2:52:24 PM	61492
Motor Oi	il Range Organics (MRO)	ND	49	mg/Kg	1	7/23/2021 2:52:24 PM	61492
Surr: I	DNOP	116	70-130	%Rec	1	7/23/2021 2:52:24 PM	61492
ΕΡΑ ΜΕΊ	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	7/23/2021 7:46:14 PM	61466
Surr: I	BFB	89.7	70-130	%Rec	1	7/23/2021 7:46:14 PM	61466
ΕΡΑ ΜΕΊ	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.025	mg/Kg	1	7/23/2021 7:46:14 PM	61466
Toluene		ND	0.049	mg/Kg	1	7/23/2021 7:46:14 PM	61466
Ethylben	izene	ND	0.049	mg/Kg	1	7/23/2021 7:46:14 PM	61466
Xylenes,	Total	ND	0.098	mg/Kg	1	7/23/2021 7:46:14 PM	61466
Surr: 4	4-Bromofluorobenzene	91.9	70-130	%Rec	1	7/23/2021 7:46:14 PM	61466

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland		Cli	ent Sample II): TF	2-2				
Project:	Roden GD Federal 3	Collection Date: 7/19/2021 8:15:00 AM								
Lab ID:	2107A10-005	Matrix: SOIL]	Received Date	e: 7/2	21/2021 7:50:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA ME	THOD 300.0: ANIONS					Analysi	: VP			
Chloride		ND	60	mg/Kg	20	7/27/2021 2:48:24 AM	61562			
EPA ME	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB			
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	7/23/2021 3:03:59 PM	61492			
Motor O	il Range Organics (MRO)	ND	49	mg/Kg	1	7/23/2021 3:03:59 PM	61492			
Surr:	DNOP	109	70-130	%Rec	1	7/23/2021 3:03:59 PM	61492			
EPA ME	THOD 8015D: GASOLINE RANGE	E				Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	7/23/2021 8:56:43 PM	61466			
Surr:	BFB	93.7	70-130	%Rec	1	7/23/2021 8:56:43 PM	61466			
EPA ME	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	9	ND	0.025	mg/Kg	1	7/23/2021 8:56:43 PM	61466			
Toluene		ND	0.050	mg/Kg	1	7/23/2021 8:56:43 PM	61466			
Ethylber	izene	ND	0.050	mg/Kg	1	7/23/2021 8:56:43 PM	61466			
Xylenes,	, Total	ND	0.099	mg/Kg	1	7/23/2021 8:56:43 PM	61466			
Surr:	4-Bromofluorobenzene	96.5	70-130	%Rec	1	7/23/2021 8:56:43 PM	61466			

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

Qualifiers:

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland		Cl	ient Sample II): TF	23-S	
Project:	Roden GD Federal 3		(Collection Dat	e: 7/1	9/2021 8:20:00 AM	
Lab ID:	2107A10-006	Matrix: SOIL		Received Date	e: 7/2	21/2021 7:50:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: VP
Chloride		ND	60	mg/Kg	20	7/27/2021 3:00:49 AM	61562
EPA MET	HOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.7	mg/Kg	1	7/23/2021 3:15:33 PM	61492
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	7/23/2021 3:15:33 PM	61492
Surr: [ONOP	121	70-130	%Rec	1	7/23/2021 3:15:33 PM	61492
EPA MET	HOD 8015D: GASOLINE RAI	NGE				Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	7/23/2021 9:20:12 PM	61466
Surr: E	BFB	91.8	70-130	%Rec	1	7/23/2021 9:20:12 PM	61466
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
Benzene	1	ND	0.024	mg/Kg	1	7/23/2021 9:20:12 PM	61466
Toluene		ND	0.048	mg/Kg	1	7/23/2021 9:20:12 PM	61466
Ethylben	zene	ND	0.048	mg/Kg	1	7/23/2021 9:20:12 PM	61466
Xylenes,	Total	ND	0.096	mg/Kg	1	7/23/2021 9:20:12 PM	61466
Surr: 4	4-Bromofluorobenzene	94.2	70-130	%Rec	1	7/23/2021 9:20:12 PM	61466

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland		Clie	ent Sample II): TF	23-2	
Project:	Roden GD Federal 3		C	ollection Date	e: 7/1	19/2021 8:25:00 AM	
Lab ID:	2107A10-007	Matrix: SOIL	I	Received Date	e: 7/2	21/2021 7:50:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: VP
Chloride		ND	60	mg/Kg	20	7/27/2021 9:43:28 AM	61578
EPA MET	THOD 8015M/D: DIESEL RANG	SE ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.7	mg/Kg	1	7/23/2021 4:01:51 PM	61498
Motor Oi	l Range Organics (MRO)	ND	48	mg/Kg	1	7/23/2021 4:01:51 PM	61498
Surr: I	DNOP	117	70-130	%Rec	1	7/23/2021 4:01:51 PM	61498
EPA MET	THOD 8015D: GASOLINE RAN	GE				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	7/23/2021 9:43:40 PM	61466
Surr: I	BFB	92.0	70-130	%Rec	1	7/23/2021 9:43:40 PM	61466
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.024	mg/Kg	1	7/23/2021 9:43:40 PM	61466
Toluene		ND	0.048	mg/Kg	1	7/23/2021 9:43:40 PM	61466
Ethylben	zene	ND	0.048	mg/Kg	1	7/23/2021 9:43:40 PM	61466
Xylenes,	Total	ND	0.096	mg/Kg	1	7/23/2021 9:43:40 PM	61466
Surr: 4	4-Bromofluorobenzene	94.3	70-130	%Rec	1	7/23/2021 9:43:40 PM	61466

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

Qualifiers:

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: TF	24-S	
Project:	Roden GD Federal 3		(Collect	tion Dat	e: 7/1	19/2021 9:15:00 AM	
Lab ID:	2107A10-008	Matrix: SOIL		Recei	ved Dat	e: 7/2	21/2021 7:50:00 AM	
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	VP
Chloride		ND	60		mg/Kg	20	7/27/2021 10:20:42 AM	61578
EPA MET	THOD 8015M/D: DIESEL RAM	NGE ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	14	9.7		mg/Kg	1	7/23/2021 4:36:43 PM	61498
Motor Oi	il Range Organics (MRO)	ND	49		mg/Kg	1	7/23/2021 4:36:43 PM	61498
Surr: I	DNOP	155	70-130	S	%Rec	1	7/23/2021 4:36:43 PM	61498
EPA MET	THOD 8015D: GASOLINE RA	NGE					Analyst	NSB
Gasoline	e Range Organics (GRO)	ND	4.9		mg/Kg	1	7/23/2021 10:07:19 PM	61466
Surr: I	BFB	88.3	70-130		%Rec	1	7/23/2021 10:07:19 PM	61466
EPA ME	THOD 8021B: VOLATILES						Analyst	NSB
Benzene	•	ND	0.024		mg/Kg	1	7/23/2021 10:07:19 PM	61466
Toluene		ND	0.049		mg/Kg	1	7/23/2021 10:07:19 PM	61466
Ethylben	izene	ND	0.049		mg/Kg	1	7/23/2021 10:07:19 PM	61466
Xylenes,	Total	ND	0.097		mg/Kg	1	7/23/2021 10:07:19 PM	61466
Surr: 4	4-Bromofluorobenzene	91.6	70-130		%Rec	1	7/23/2021 10:07:19 PM	61466

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

Qualifiers:

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland	Client Sample ID: TP4-2									
Project:	Roden GD Federal 3	Collection Date: 7/19/2021 9:20:00 AM									
Lab ID:	2107A10-009	Matrix: SOIL Received Date: 7/21/2021 7:50:00 AM									
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS					Analys	st: VP				
Chloride		ND	60	mg/Kg	20	7/27/2021 11:22:46 AI	M 61578				
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	st: SB				
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	7/23/2021 4:48:34 PM	61498				
Motor Oi	l Range Organics (MRO)	ND	48	mg/Kg	1	7/23/2021 4:48:34 PM	61498				
Surr: I	DNOP	103	70-130	%Rec	1	7/23/2021 4:48:34 PM	61498				
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analys	st: mb				
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	7/23/2021 3:20:00 PM	61491				
Surr: I	BFB	116	70-130	%Rec	1	7/23/2021 3:20:00 PM	61491				
EPA MET	THOD 8021B: VOLATILES					Analys	st: mb				
Benzene	9	ND	0.025	mg/Kg	1	7/23/2021 3:20:00 PM	61491				
Toluene		ND	0.050	mg/Kg	1	7/23/2021 3:20:00 PM	61491				
Ethylben	izene	ND	0.050	mg/Kg	1	7/23/2021 3:20:00 PM	61491				
Xylenes,	Total	ND	0.10	mg/Kg	1	7/23/2021 3:20:00 PM	61491				
Surr: 4	4-Bromofluorobenzene	115	70-130	%Rec	1	7/23/2021 3:20:00 PM	61491				

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland	Client Sample ID: TP5-15										
Project:	Roden GD Federal 3	Collection Date: 7/19/2021 10:00:00 AM										
Lab ID:	2107A10-010	Matrix: SOIL	Matrix: SOIL Received Date: 7/21/2021 7:50:00 AM									
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS						Analyst	: VP				
Chloride		110	60		mg/Kg	20	7/27/2021 11:35:10 AM	61578				
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst	SB				
Diesel Ra	ange Organics (DRO)	9900	180		mg/Kg	20	7/23/2021 5:00:16 PM	61498				
Motor Oi	I Range Organics (MRO)	3900	900		mg/Kg	20	7/23/2021 5:00:16 PM	61498				
Surr: [DNOP	0	70-130	S	%Rec	20	7/23/2021 5:00:16 PM	61498				
EPA MET	HOD 8015D: GASOLINE RA	ANGE					Analyst	: mb				
Gasoline	Range Organics (GRO)	2000	50		mg/Kg	10	7/27/2021 1:12:00 PM	61491				
Surr: E	BFB	685	70-130	S	%Rec	10	7/27/2021 1:12:00 PM	61491				
EPA MET	HOD 8021B: VOLATILES						Analyst	: mb				
Benzene		4.1	0.25		mg/Kg	10	7/27/2021 1:12:00 PM	61491				
Toluene		20	0.50		mg/Kg	10	7/27/2021 1:12:00 PM	61491				
Ethylben	zene	73	5.0		mg/Kg	100	7/27/2021 10:51:00 PM	61491				
Xylenes,	Total	100	9.9		mg/Kg	100	7/27/2021 10:51:00 PM	61491				
Surr: 4	1-Bromofluorobenzene	387	70-130	S	%Rec	10	7/27/2021 1:12:00 PM	61491				

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

Qualifiers:

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland	Client Sample ID: TP5-20										
Project:	Roden GD Federal 3	Collection Date: 7/19/2021 10:10:00 AM										
Lab ID:	2107A10-011	Matrix: SOIL	Matrix: SOIL Received Date: 7/21/2021 7:50:00 AM									
Analyses	5	Result	RL	Qual	Units	DF	Date Analyzed	Batch				
EPA ME	THOD 300.0: ANIONS						Analyst:	VP				
Chloride		140	61		mg/Kg	20	7/27/2021 11:47:36 AM	61578				
EPA ME	THOD 8015M/D: DIESEL RAI	NGE ORGANICS					Analyst:	SB				
Diesel R	ange Organics (DRO)	8800	180		mg/Kg	20	7/23/2021 5:12:08 PM	61498				
Motor O	il Range Organics (MRO)	3500	890		mg/Kg	20	7/23/2021 5:12:08 PM	61498				
Surr:	DNOP	0	70-130	S	%Rec	20	7/23/2021 5:12:08 PM	61498				
EPA ME	THOD 8015D: GASOLINE RA	NGE					Analyst:	mb				
Gasoline	e Range Organics (GRO)	2300	48		mg/Kg	10	7/27/2021 1:32:00 PM	61491				
Surr:	BFB	720	70-130	S	%Rec	10	7/27/2021 1:32:00 PM	61491				
EPA ME	THOD 8021B: VOLATILES						Analyst:	mb				
Benzene	9	10	0.24		mg/Kg	10	7/27/2021 1:32:00 PM	61491				
Toluene		19	0.48		mg/Kg	10	7/27/2021 1:32:00 PM	61491				
Ethylber	izene	82	4.8		mg/Kg	100	7/27/2021 11:11:00 PM	61491				
Xylenes,	, Total	110	9.6		mg/Kg	100	7/27/2021 11:11:00 PM	61491				
Surr:	4-Bromofluorobenzene	403	70-130	S	%Rec	10	7/27/2021 1:32:00 PM	61491				

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

Qualifiers:

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland	Client Sample ID: TP6-S										
Project:	Roden GD Federal 3	Collection Date: 7/19/2021 11:00:00 AM										
Lab ID:	2107A10-012	Matrix: SOIL Received Date: 7/21/2021 7:50:00 AM										
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS						Analys	st: VP				
Chloride		ND	60		mg/Kg	20	7/27/2021 12:00:01 P	M 61578				
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS					Analys	st: SB				
Diesel Ra	ange Organics (DRO)	ND	9.8		mg/Kg	1	7/23/2021 5:23:52 PN	61498				
Motor Oil	Range Organics (MRO)	ND	49		mg/Kg	1	7/23/2021 5:23:52 PN	61498				
Surr: E	DNOP	162	70-130	S	%Rec	1	7/23/2021 5:23:52 PN	61498				
EPA MET	HOD 8015D: GASOLINE RANGE						Analys	st: mb				
Gasoline	Range Organics (GRO)	ND	4.9		mg/Kg	1	7/27/2021 1:52:00 PN	61491				
Surr: E	3FB	133	70-130	S	%Rec	1	7/27/2021 1:52:00 PN	61491				
EPA MET	HOD 8021B: VOLATILES						Analys	st: mb				
Benzene		ND	0.024		mg/Kg	1	7/27/2021 1:52:00 PN	61491				
Toluene		ND	0.049		mg/Kg	1	7/27/2021 1:52:00 PN	61491				
Ethylben	zene	ND	0.049		mg/Kg	1	7/27/2021 1:52:00 PN	61491				
Xylenes,	Total	ND	0.097		mg/Kg	1	7/27/2021 1:52:00 PN	61491				
Surr: 4	I-Bromofluorobenzene	114	70-130		%Rec	1	7/27/2021 1:52:00 PM	61491				

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland	Client Sample ID: TP6-2										
Project:	Roden GD Federal 3	Collection Date: 7/19/2021 11:05:00 AM										
Lab ID:	2107A10-013	Matrix: SOIL Received Date: 7/21/2021 7:50:00 AM										
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch					
EPA MET	HOD 300.0: ANIONS					Analys	t: VP					
Chloride		ND	60	mg/Kg	20	7/27/2021 12:12:26 PM	1 61578					
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: SB					
Diesel Ra	ange Organics (DRO)	ND	8.7	mg/Kg	1	7/23/2021 5:35:43 PM	61498					
Motor Oi	I Range Organics (MRO)	ND	43	mg/Kg	1	7/23/2021 5:35:43 PM	61498					
Surr: [ONOP	104	70-130	%Rec	1	7/23/2021 5:35:43 PM	61498					
EPA MET	HOD 8015D: GASOLINE RANGE					Analys	t: mb					
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	7/27/2021 2:12:00 PM	61491					
Surr: E	3FB	119	70-130	%Rec	1	7/27/2021 2:12:00 PM	61491					
EPA MET	HOD 8021B: VOLATILES					Analys	t: mb					
Benzene		ND	0.024	mg/Kg	1	7/23/2021 7:58:00 PM	61491					
Toluene		ND	0.049	mg/Kg	1	7/23/2021 7:58:00 PM	61491					
Ethylben	zene	ND	0.049	mg/Kg	1	7/23/2021 7:58:00 PM	61491					
Xylenes,	Total	ND	0.098	mg/Kg	1	7/23/2021 7:58:00 PM	61491					
Surr: 4	4-Bromofluorobenzene	111	70-130	%Rec	1	7/23/2021 7:58:00 PM	61491					

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

Qualifiers:

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 2107A10

Date Reported: 7/29/2021

						-						
CLIENT	: GHD Midland	Client Sample ID: TP7-S										
Project:	Roden GD Federal 3		(Collection Dat	e: 7/1	9/2021 11:20:00 AM						
Lab ID:	2107A10-014	Matrix: SOIL	Matrix: SOIL Received Date: 7/21/2021 7:50:00 AM									
Analyses	8	Result	RL	Qual Units	DF	Date Analyzed	Batch					
EPA ME	THOD 300.0: ANIONS					Analyst:	VP					
Chloride	9	150	60	mg/Kg	20	7/27/2021 12:24:50 PM	61578					
EPA ME	THOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst:	SB					
Diesel R	Range Organics (DRO)	ND	9.7	mg/Kg	1	7/23/2021 5:47:37 PM	61498					
Motor O	il Range Organics (MRO)	ND	48	mg/Kg	1	7/23/2021 5:47:37 PM	61498					
Surr:	DNOP	121	70-130	%Rec	1	7/23/2021 5:47:37 PM	61498					
EPA ME	THOD 8015D: GASOLINE RAI	NGE				Analyst:	mb					
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	7/27/2021 2:32:00 PM	61491					
Surr:	BFB	120	70-130	%Rec	1	7/27/2021 2:32:00 PM	61491					
EPA ME	THOD 8021B: VOLATILES					Analyst:	mb					
Benzene	e	ND	0.025	mg/Kg	1	7/23/2021 8:17:00 PM	61491					
Toluene		ND	0.050	mg/Kg	1	7/23/2021 8:17:00 PM	61491					
Ethylber	nzene	ND	0.050	mg/Kg	1	7/23/2021 8:17:00 PM	61491					
Xylenes	, Total	ND	0.099	mg/Kg	1	7/23/2021 8:17:00 PM	61491					
Surr:	4-Bromofluorobenzene	113	70-130	%Rec	1	7/23/2021 8:17:00 PM	61491					

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

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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit
- Page 14 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107A10

Date Reported: 7/29/2021

CLIENT:	GHD Midland	Client Sample ID: TP7-2									
Project:	Roden GD Federal 3	Collection Date: 7/19/2021 11:25:00 AM									
Lab ID:	2107A10-015	Matrix: SOIL	Matrix: SOIL Received Date: 7/21/2021 7:50:00 AM								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst:	VP				
Chloride		ND	60	mg/Kg	20	7/27/2021 12:37:14 PM	61578				
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst:	SB				
Diesel Ra	ange Organics (DRO)	ND	9.7	mg/Kg	1	7/23/2021 5:59:30 PM	61498				
Motor Oi	Range Organics (MRO)	ND	49	mg/Kg	1	7/23/2021 5:59:30 PM	61498				
Surr: [DNOP	123	70-130	%Rec	1	7/23/2021 5:59:30 PM	61498				
EPA MET	HOD 8015D: GASOLINE RAN	GE				Analyst:	mb				
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	7/27/2021 2:52:00 PM	61491				
Surr: E	3FB	121	70-130	%Rec	1	7/27/2021 2:52:00 PM	61491				
EPA MET	HOD 8021B: VOLATILES					Analyst:	mb				
Benzene		ND	0.025	mg/Kg	1	7/23/2021 8:37:00 PM	61491				
Toluene		ND	0.050	mg/Kg	1	7/23/2021 8:37:00 PM	61491				
Ethylben	zene	ND	0.050	mg/Kg	1	7/23/2021 8:37:00 PM	61491				
Xylenes,	Total	ND	0.10	mg/Kg	1	7/23/2021 8:37:00 PM	61491				
Surr: 4	I-Bromofluorobenzene	108	70-130	%Rec	1	7/23/2021 8:37:00 PM	61491				

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	GHD I Roden	Midland GD Federal 3							
Sample ID:	MB-61562	SampType: M	BLK	Tes	tCode: EPA Me	ethod 300.0: An	ions		
Client ID:	PBS	Batch ID: 61	562	R	unNo: 80053				
Prep Date:	7/26/2021	Analysis Date: 7	/26/2021	S	eqNo: 281828	38 Units: m	g/Kg		
Analyte Chloride		Result PQL ND 1.5	SPK value	SPK Ref Val	%REC Low	/Limit HighLim	iit %RPD	RPDLimit	Qual
Sample ID:	LCS-61562	SampType: L	cs	Tes	tCode: EPA Me	ethod 300.0: An	ions		
Client ID:	LCSS	Batch ID: 61	562	R	unNo: 80053				
Prep Date:	7/26/2021	Analysis Date: 7	/26/2021	S	eqNo: 281828	39 Units: m	g/Kg		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC Low	/Limit HighLim	nit %RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	94.4	90 11	0		
Sample ID:	MB-61578	SampType: M	BLK	Tes	tCode: EPA Me	ethod 300.0: An	ions		
Client ID:	PBS	Batch ID: 61	578	R	unNo: 80089				
Prep Date:	7/27/2021	Analysis Date: 7	/27/2021	S	eqNo: 282050	05 Units: m	g/Kg		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC Low	/Limit HighLim	it %RPD	RPDLimit	Qual
Chloride		ND 1.5							
Sample ID:	LCS-61578	SampType: L	cs	Tes	tCode: EPA Me	ethod 300.0: An	ions		
Client ID:	LCSS	Batch ID: 61	578	R	unNo: 80089				
Prep Date:	7/27/2021	Analysis Date: 7	/27/2021	S	eqNo: 282050	06 Units: m	g/Kg		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC Low	/Limit HighLim	nit %RPD	RPDLimit	Qual
Chloride		15 1.5	15.00	0	97.3	90 11	0		

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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2107A10

29-Jul-21

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	GHD Mid Roden GI	lland D Federal	3								
	Rodell Of	Jiederar	5								
Sample ID:	MB-61492	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	n ID: 614	492	F	RunNo: 8	0027				
Prep Date:	7/22/2021	Analysis D	oate: 7/	23/2021	5	SeqNo: 2	816162	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Drganics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50	40.00		00 5	70	400			
Suff: DNOP		8.8		10.00		88.5	70	130			
Sample ID:	LCS-61492	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch	n ID: 614	492	F	RunNo: 8	0027				
Prep Date:	7/22/2021	Analysis D	Date: 7/	23/2021	5	SeqNo: 2	816163	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Drganics (DRO)	45	10	50.00	0	90.8	68.9	141			
Surr: DNOP		4.6		5.000		92.0	70	130			
Sample ID:	MB-61498	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	n ID: 614	498	F	RunNo: 8	0027				
Prep Date:	7/22/2021	Analysis D	ate: 7/	23/2021	S	SeqNo: 2	817071	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Drganics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50								
Surr: DNOP		13		10.00		132	70	130			S
Sample ID:	LCS-61498	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch	n ID: 614	498	F	RunNo: 8	0027				
Prep Date:	7/22/2021	Analysis D	Date: 7/	23/2021	S	SeqNo: 2	817072	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	64	10	50.00	0	128	68.9	141			
Surr: DNOP		6.6		5.000		131	70	130			S
Sample ID:	2107A10-007AMS	SampT	ype: MS	3	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	TP3-2	Batch	n ID: 614	498	F	RunNo: 8	0027				
Prep Date:	7/22/2021	Analysis D	ate: 7/	23/2021	5	SeqNo: 2	817084	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Drganics (DRO)	45	8.5	42.48	0	106	15	184			
Surr: DNOP		4.5		4.248		105	70	130			

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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2107A10

29-Jul-21

WO#:

	WO#: 2107A10
Hall Environmental Analysis Laboratory, Inc.	29-Jul-21

Client:	GHD Midl	and									
Project:	Roden GD	Federal 3									
Sample ID: 2107A10-007AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics											
Client ID: TP3-2		Batch	ID: 61	498	F	RunNo: 80	0027				
Prep Date: 7/22/	2021	Analysis Da	te: 7/	23/2021	S	SeqNo: 28	317085	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics	(DRO)	50	9.8	48.88	0	102	15	184	9.85	23.9	
Surr: DNOP		4.9		4.888		101	70	130	0	0	

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

	WO#:	2107A10
ital Analysis Laboratory, Inc.		29-Jul-21

Client: GHD M Project: Roden	/idland GD Federal 3							
Sample ID: mb-61466	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range					
Client ID: PBS	Batch ID: 61466	RunNo: 80051	RunNo: 80051					
Prep Date: 7/21/2021	Analysis Date: 7/23/2021	SeqNo: 2816709	Units: mg/Kg					
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit	Qual				
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 960 1000	96.4 70	130					
Sample ID: Ics-61466	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 61466	RunNo: 80051						
Prep Date: 7/21/2021	Analysis Date: 7/23/2021	SeqNo: 2816710	Units: mg/Kg					
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit	Qual				
Gasoline Range Organics (GRO)	25 5.0 25.00	0 101 78.6	131					
Surr: BFB	1000 1000	102 70	130					
Sample ID: mb-61491	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range					
Client ID: PBS	Batch ID: 61491	RunNo: 80029						
Prep Date: 7/22/2021	Analysis Date: 7/23/2021	SeqNo: 2818753	Units: mg/Kg					
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit	Qual				
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 1200 1000	120 70	130					
Sample ID: mb-61496	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range					
Client ID: PBS	Batch ID: 61496	RunNo: 80029						
Prep Date: 7/22/2021	Analysis Date: 7/24/2021	SeqNo: 2818754	Units: %Rec					
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit	Qual				
Surr: BFB	1100 1000	113 70	130					
Sample ID: Ics-61491	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 61491	RunNo: 80029						
Prep Date: 7/22/2021	Analysis Date: 7/23/2021	SeqNo: 2818755	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 96.1 78.6	131					
Surr: BFB	1300 1000	127 70	130					
Sample ID: Ics-61496	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 61496	RunNo: 80029						
Prep Date: 7/22/2021	Analysis Date: 7/24/2021	SeqNo: 2818757	Units: %Rec					
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit	Qual				
Surr: BFB	1300 1000	126 70	130					

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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Released to	Imaging:	1/31/2022	3:02:33	PM

Qualifiers:

* D

Н

ND

PQL

S

Value exceeds Maximum Contaminant Level.

Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

Sample Diluted Due to Matrix

Practical Quanitative Limit

Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank

Р Sample pH Not In Range

	5	
F	Value above quantitation range	

- ove qu n range
 - J Analyte detected below quantitation limits
 - RL Reporting Limit

Client: Project:	GHD Mic Roden GI	lland D Federal	3								
Sample ID:	2107A10-009ams	SampT	Гуре: М\$	3	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID:	TP4-2	Batcl	h ID: 61	491	F	RunNo: 80	0104				
Prep Date:	7/22/2021	Analysis D	Date: 7/	27/2021	S	SeqNo: 28	320637	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	e Organics (GRO)	22	4.8	24.15	0	91.8	61.3	114			
Surr: BFB		1300		966.2		130	70	130			
Sample ID:	2107A10-009amsd	SampT	Гуре: МS	SD	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID:	TP4-2	Batcl	h ID: 61	491	F	RunNo: 80	0104				
Prep Date:	7/22/2021	Analysis D	Date: 7/	27/2021	S	SeqNo: 28	320641	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	e Organics (GRO)	21	4.9	24.73	0	83.6	61.3	114	7.05	20	
Surr: BFB		1300		989.1		131	70	130	0	0	S



QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2107A10	
	29-Jul-21	

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	GHD M	lidland									
Project:	Roden (GD Federal	3								
Sample ID:	mb-61466	SampT	Гуре: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	PBS	Batch	h ID: 61	466	F	RunNo: 8	0051				
Prep Date:	7/21/2021	Analysis D	Date: 7/	23/2021	S	SeqNo: 28	816768	Units: mg/K	g		
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-Brom	nofluorobenzene	0.98		1.000		97.7	70	130			
Sample ID:	LCS-61466	SampT	Гуре: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	LCSS	Batcl	h ID: 61	466	F	RunNo: 8	0051				
Prep Date:	7/21/2021	Analysis D	Date: 7/	23/2021	S	SeqNo: 28	816769	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.93	0.025	1.000	0	93.0	80	120			
Toluene		0.94	0.050	1.000	0	94.3	80	120			
Ethylbenzene		0.94	0.050	1.000	0	94.4	80	120			
Xylenes, Total		2.8	0.10	3.000	0	94.8	80	120			
Surr: 4-Brom	nofluorobenzene	0.98		1.000		98.4	70	130			
-											
Sample ID:	mb-61491	SampT	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Sample ID: Client ID:	mb-61491 PBS	SampT Batcl	Гуре: МЕ h ID: 61	3LK 491	Tes	tCode: Ef	PA Method 0029	8021B: Volat	iles		
Sample ID: Client ID: Prep Date:	mb-61491 PBS 7/22/2021	SampT Batcl Analysis D	Гуре: МЕ h ID: 61 Date: 7 /	3LK 491 23/2021	Tes F	tCode: EF RunNo: 86 SeqNo: 28	PA Method 0029 818955	8021B: Volat Units: mg/K	iles ⁽ g		
Sample ID: Client ID: Prep Date: Analyte	mb-61491 PBS 7/22/2021	SampT Batcl Analysis D Result	Type: ME h ID: 61 Date: 7/ PQL	3LK 491 23/2021 SPK value	Tes F SPK Ref Val	tCode: EF RunNo: 86 SeqNo: 28 %REC	PA Method 0029 318955 LowLimit	8021B: Volat Units: mg/K HighLimit	iles Sg %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene	mb-61491 PBS 7/22/2021	SampT Batcl Analysis D Result ND	Fype: ME h ID: 61 Date: 7/ PQL 0.025	3LK 491 23/2021 SPK value	Tes F SPK Ref Val	tCode: EF RunNo: 86 SeqNo: 28 %REC	PA Method 0029 318955 LowLimit	8021B: Volat Units: mg/K HighLimit	iles Sg %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene	mb-61491 PBS 7/22/2021	SampT Batcl Analysis D Result ND ND	Type: ME h ID: 61 Date: 7/ PQL 0.025 0.050	3LK 491 23/2021 SPK value	Tes F SPK Ref Val	tCode: EF RunNo: 86 SeqNo: 28 %REC	PA Method 0029 318955 LowLimit	8021B: Volat Units: mg/K HighLimit	iles g %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene	mb-61491 PBS 7/22/2021	SampT Batcl Analysis E Result ND ND ND	Type: ME h ID: 61- Date: 7/ PQL 0.025 0.050 0.050	BLK 491 23/2021 SPK value	Tes F SPK Ref Val	tCode: Ef RunNo: 8 GeqNo: 2 %REC	PA Method 0029 818955 LowLimit	8021B: Volat Units: mg/K HighLimit	iles (g %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total	mb-61491 PBS 7/22/2021	SampT Batcl Analysis D Result ND ND ND ND	Type: ME h ID: 61 Date: 7/ PQL 0.025 0.050 0.050 0.10	3LK 491 23/2021 SPK value	Tes F SPK Ref Val	tCode: EF RunNo: 86 SeqNo: 21 %REC	PA Method 0029 818955 LowLimit	8021B: Volat Units: mg/K HighLimit	iles G %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom	mb-61491 PBS 7/22/2021	SampT Batcl Analysis D Result ND ND ND ND 1.2	Fype: ME h ID: 61 Date: 7/ PQL 0.025 0.050 0.050 0.10	3LK 491 23/2021 SPK value 1.000	Tes F SPK Ref Val	tCode: EF RunNo: 86 SeqNo: 26 %REC 118	PA Method 0029 818955 LowLimit 70	8021B: Volat Units: mg/K HighLimit 130	iles G %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID:	mb-61491 PBS 7/22/2021 nofluorobenzene mb-61496	SampT Batcl Analysis D Result ND ND ND 1.2 SampT	Fype: ME h ID: 61 Date: 7/ 0.025 0.050 0.050 0.10	BLK 491 23/2021 SPK value 1.000 BLK	Tes F SPK Ref Val	tCode: EF RunNo: 8 SeqNo: 2 %REC 118 tCode: EF	PA Method 2029 318955 LowLimit 70 PA Method	8021B: Volat Units: mg/K HighLimit 130 8021B: Volat	iles Sg %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID: Client ID:	mb-61491 PBS 7/22/2021 nofluorobenzene mb-61496 PBS	SampT Batcl Analysis D Result ND ND ND 1.2 SampT Batcl	Fype: ME h ID: 61 Date: 7 / PQL 0.025 0.050 0.050 0.050 0.10	3LK 491 23/2021 SPK value 1.000 3LK 496	Tes F SPK Ref Val Tes F	tCode: EF RunNo: 86 SeqNo: 21 %REC 118 tCode: EF RunNo: 86	PA Method 0029 818955 LowLimit 70 PA Method 0029	8021B: Volat Units: mg/K HighLimit 130 8021B: Volat	iles Gg %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID: Client ID: Prep Date:	mb-61491 PBS 7/22/2021 nofluorobenzene mb-61496 PBS 7/22/2021	SampT Batcl Analysis D Result ND ND ND 1.2 SampT Batcl Analysis D	Fype: ME h ID: 61 Date: 7/ 0.025 0.050 0.050 0.10 Fype: ME h ID: 61 Date: 7/	3LK 491 23/2021 SPK value 1.000 3LK 496 24/2021	Tes F SPK Ref Val Tes F S	tCode: EF RunNo: 86 SeqNo: 28 %REC 118 tCode: EF RunNo: 86 SeqNo: 28	PA Method 0029 318955 LowLimit 70 PA Method 0029 318956	8021B: Volat Units: mg/K HighLimit 130 8021B: Volat Units: %Ret	iles %RPD iles	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID: Client ID: Prep Date: Analyte	mb-61491 PBS 7/22/2021 nofluorobenzene mb-61496 PBS 7/22/2021	SampT Batcl Analysis D ND ND ND 1.2 SampT Batcl Analysis D Result	Fype: ME h ID: 61 Date: 7/ PQL 0.025 0.050 0.050 0.050 0.10 Fype: ME h ID: 61 Date: 7/ PQL	3LK 491 23/2021 SPK value 1.000 3LK 496 24/2021 SPK value	Tes F SPK Ref Val Tes F SPK Ref Val	tCode: EF RunNo: 86 SeqNo: 21 %REC 118 tCode: EF RunNo: 86 SeqNo: 21 %REC	PA Method 0029 318955 LowLimit 70 PA Method 0029 318956 LowLimit	8021B: Volat Units: mg/K HighLimit 130 8021B: Volat Units: %Red HighLimit	iles Gg %RPD illes %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID: Client ID: Prep Date: Analyte Surr: 4-Brom	mb-61491 PBS 7/22/2021 nofluorobenzene mb-61496 PBS 7/22/2021 nofluorobenzene	SampT Batcl Analysis D ND ND ND 1.2 SampT Batcl Analysis D Result 1.1	Fype: ME h ID: 61 Date: 7 / PQL 0.025 0.050 0.050 0.050 0.10 Fype: ME h ID: 61 Date: 7 / PQL	3LK 491 23/2021 SPK value 1.000 3LK 496 24/2021 SPK value 1.000	Tes SPK Ref Val Tes SPK Ref Val	tCode: EF RunNo: 86 SeqNo: 21 %REC 118 tCode: EF RunNo: 86 SeqNo: 21 %REC 112	PA Method 0029 318955 LowLimit 70 PA Method 0029 318956 LowLimit 70	8021B: Volat Units: mg/K HighLimit 130 8021B: Volat Units: %Rea HighLimit 130	iles Gg %RPD iles %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID: Client ID: Prep Date: Analyte Surr: 4-Brom Sample ID:	mb-61491 PBS 7/22/2021 nofluorobenzene mb-61496 PBS 7/22/2021 nofluorobenzene Ics-61491	SampT Batcl Analysis D ND ND ND 1.2 SampT Batcl Analysis D Result 1.1	Fype: ME h ID: 61 Date: 7/ 0.025 0.050 0.050 0.050 0.10 Fype: ME h ID: 61 Date: 7/ PQL	3LK 491 23/2021 SPK value 1.000 3LK 496 24/2021 SPK value 1.000	Tes SPK Ref Val Tes SPK Ref Val SPK Ref Val	tCode: EF RunNo: 8(SeqNo: 2(%REC 118 tCode: EF RunNo: 8(SeqNo: 2(%REC 112 tCode: EF	PA Method 2029 318955 LowLimit 70 PA Method 2029 318956 LowLimit 70 PA Method	8021B: Volat Units: mg/K HighLimit 130 8021B: Volat Units: %Red HighLimit 130 8021B: Volat	iles ^{(g} %RPD iles %RPD iles	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID: Client ID: Prep Date: Analyte Surr: 4-Brom Sample ID: Client ID:	mb-61491 PBS 7/22/2021 nofluorobenzene mb-61496 PBS 7/22/2021 nofluorobenzene Ics-61491 LCSS	SampT Batcl Analysis D ND ND ND 1.2 SampT Batcl Analysis D Result 1.1 SampT Batcl	Fype: ME h ID: 61 Date: 7/ PQL 0.025 0.050 0.050 0.050 0.10 Fype: ME h ID: 61 Fype: LC h ID: 61	3LK 491 23/2021 SPK value 1.000 3LK 496 24/2021 SPK value 1.000 :S	Tes SPK Ref Val Tes SPK Ref Val SPK Ref Val Tes F	tCode: EF RunNo: 86 SeqNo: 21 %REC 118 tCode: EF RunNo: 86 SeqNo: 21 %REC 112 tCode: EF RunNo: 86	PA Method 0029 818955 LowLimit 70 PA Method 0029 818956 LowLimit 70 PA Method 0029	8021B: Volat Units: mg/K HighLimit 130 8021B: Volat Units: %Rea HighLimit 130 8021B: Volat	iles Gg %RPD iles %RPD iles	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID: Client ID: Prep Date: Analyte Surr: 4-Brom Sample ID: Client ID: Prep Date:	mb-61491 PBS 7/22/2021 nofluorobenzene mb-61496 PBS 7/22/2021 nofluorobenzene Ics-61491 LCSS 7/22/2021	SampT Batcl Analysis D ND ND ND 1.2 SampT Batcl Analysis D Result 1.1 SampT Batcl Analysis D	Fype: ME b ID: 61 Date: 7/ PQL 0.025 0.050 0.050 0.050 0.10 Fype: ME b ID: 61 PQL Fype: LC h ID: 61 Date: 7/ Date: 7/	3LK 491 23/2021 SPK value 1.000 3LK 496 24/2021 SPK value 1.000 :S 491 23/2021	Tes SPK Ref Val Tes SPK Ref Val SPK Ref Val Tes	tCode: EF RunNo: 8(SeqNo: 2) %REC 118 tCode: EF RunNo: 8(SeqNo: 2) tCode: EF RunNo: 8(SeqNo: 2)	PA Method 2029 318955 LowLimit 70 PA Method 2029 318956 LowLimit 70 PA Method 2029 318957	8021B: Volat Units: mg/K HighLimit 130 8021B: Volat Units: %Red HighLimit 130 8021B: Volat Units: mg/K	iles (g %RPD iles %RPD iles (g	RPDLimit	Qual

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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Project:

OC SUMMARY REPORT H

Roden GD Federal 3

Quali	fiers:	
*	Value exceeds Maximum Contaminant Level	

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

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit

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2107A10 29-Jul-21

WO#:

QC SUI							
Hall Environmental Analysis Laboratory, Inc.							
Client:	GHD Midland						

-										
Sample ID: Ics-61491	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batcl	n ID: 61	491	F	RunNo: 8	0029				
Prep Date: 7/22/2021	Analysis E	Date: 7/	23/2021	S	SeqNo: 2	818957	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.7	80	120			
Toluene	0.95	0.050	1.000	0	95.4	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.5	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.4	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		116	70	130			
Sample ID: Ics-61496	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	n ID: 61	496	F	RunNo: 8	0029				
Prep Date: 7/22/2021	Analysis E	Date: 7/	24/2021	5	SeqNo: 2	818959	Units: %Re	C		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		114	70	130			

HALL ENVIRONMENTAL ANALYSIS LABORATORY		Hall Environme. TEL: 505-345-3 Website: client	ntal Analysis Labo 4901 Hawk Albuquerque, NM 975 FAX: 505-345 s.hallenvironmenta	ratory ns NE 87109 Sa -4107 11.com	Sample Log-In Check List		
Client Name: G	HD Midland	Work Order Num	ber: 2107A10		RcptNo: 1		
Received By:	Desiree Dominguez	7/21/2021 7:50:00	AM	TAZ			
Completed By:	Desiree Dominguez	7/21/2021 9:20:01	AM	TPS			
Reviewed By: \mathcal{J}	R 7/21/21						
Chain of Custo	dy						
1. Is Chain of Cust	ody complete?		Yes 🗹	No	Not Present		
2. How was the sa	mple delivered?		Courier				
Log In 3. Was an attempt	made to cool the samples?		Yes 🖌	No 🗌	NA 🗌		
4. Were all sample	s received at a temperature	of >0° C to 6.0°C	Yes 🗹	No 🗌			
5. Sample(s) in pro	per container(s)?		Yes 🗹	No 🗌			
6. Sufficient sample	volume for indicated test(s)	?	Yes 🗹	No 🗌			
7. Are samples (exc	ept 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 sampl	e containers received broke	1?	Yes	No 🗹	# of preserved		
11. Does paperwork	match bottle labels?		Yes 🗹	No 🗌	bottles checked for pH:		
(Note discrepanc	ies on chain of custody)			_	(<2 or >12 unless no	oted)	
2. Are matrices corr	ectly identified on Chain of (Custody?	Yes 🗹	No 🗌	Adjusted?		
13, is it clear what an 14 Were all holding it	ialyses were requested?		Yes ⊻		Chooked by TRU 7	71.71	
(If no, notify custo	omer for authorization.)		res 💌		included by. More 7	u u	
Special Handling	<u>a (if applicable)</u>						
15. Was client notifie	ed of all discrepancies with t	nis order?	Yes	No 🗌	NA 🗸		
Person No	tified:	Date:	1	New Elsevent Manufel Colonations	r an		
By Whom:		Via:	eMail [] F	hone 🗌 Fax	In Person		
Regarding				Notice the President			
Client Instr	uctions:				Names and a supply and a supply supply supply and a		
16. Additional remai	ks:						
17. <u>Cooler Informa</u> Cooler No	<mark>tion</mark> Temp ⁰C Condition Se	al Intact Seal No	Seal Date	Signed Bv			
1 2	4 Good			gou by			

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Page 1 of 1

Received l	by O	CD: 1	12/1	7/20	21 9):15	:09	AM						Ι	Τ	Ι	Ι	1	1	1	1	1	Ι	1	Γ		Page	44 of 46
HALL ENVIRONMENTAL		4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	()(()(2) s'; PCI PO PO PO PO PO PO PO PO PO PO PO PO PO	тив езец 1.1) 8270 8270 1.1)	202 202 203 203 203 203 203 203 203 203	日日 (GF 10。 10。 10。 10。 10。	MT 15D etho 83 Me 83 Me 6mi 90 M 90 M 10 0 M 10 10 0 M 10 10 0 M 10 10 10 10 10 10 10 10 10 10 10 10 10	2210 (Sal Person 1997) 221, F, B 2210 (Sal Person 1997) 2220 (Sal Co 701al Co 701al Co 701al Co 701al Co 701al Co													Remarks: Please email: Chase_Settle@eogresources.com;	ו סווו.∟arson@gnɑ.com, ∠acn.∪omino@gnɑ.com Matthew.Laughlin@ghd.com: Along with Becky Haskell	listed above. Direct Bill to EOG Chase Settle	oossibility. Any sub-contracted data will be clearly notated on the analytical report.
Turn-Around Time:	Project Name:	Recley SD Flevel #3	Project #:	1/230057	Project Manager:	Becky Haskell	Tom Larson	Sampler: Zach Comino	On Ice: X Yes 🛛 No	# of Coolers: \	Cooler Temp(including CF): 2.6-0.2=2.4%	Container Preservative HEAL No. Type and # Type	T 001	- 602	- 003	- 004	500-	- 006	200-	-008	-009	010-	110-	210-	Received by: Via: Date Time	Received by: Via: Date Time	TO COURTUN 7/21/21 7:52	contracted to other accredited laboratories. This serves as notice of this p
Chain-of-Custody Record		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		🗆 EDD (Type)		Date Time Matrix Sample Name	271921 CAYS S 7791-2	F-127 1 DI-4	6755 7721-6	CB10 772-5	Cers 72-2	0620 TP3-S	0255 773-2	CAIST TP4-S	C920 TP4-2	1000 778-15	1010 TPS-20	V ILLE V TPC-S	Date: Time: Relinquished by:	Date: Time: Relinquished by:	1/20/21 1900 aduce	If necessary, samples submitted to Hall Environmental may be sub

Received by	0CD:	12/1	17/2	021	<i>9:1</i> :	5:09	AM				1	Т		1	T	T	-	T	1			1	Page	45 of 46
HALL ENVIRONMENTAL	www.hallenvironmental.com	Tel FOR 21E 2075 FILL FOR COLOR 100	Tel. 200-549-59/0 Fax 505-545-410/ Analysis Portiost				1°7() 2005 1°1) 2005 1°1)	662/8 660/8 13, 1 13, 1 14, 14, 14, 14, 14, 14, 14, 14, 14, 14,	5D(Correction) 11100 110000 110000 110000 11000000	081 Peg 081 Peg 081 Peg 092 Me	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3			4								emarks: 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	ty. Any sub-contracted data will be clearly notated on the analytical report.
				((120	8) s	TMB'	/ =	NTB	1XH	<u>}</u> श्र									 		Re		ssibility
Turn-Around Time:	Reduce LD FO. 1 # 7	Project #:	1/230055	Project Manager:	Becky Haskell	Tom Larson	Sampler: Zach Comino	An of Poolons: 1 Yes Do	Cooler Temp(Including CF): 2, 6-0,2 -2,4%	Container Preservative HEAL No.	1013.		-04	+ -01S		<u> </u>						Received by: Via: Date Time	The Counter 7/21/21 7:50	contracted to other accredited laboratories. This serves as notice of this po-
Chain-of-Custody Record	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: Accreditation: Accompliance			Date Time Matrix Sample Name	07121 1VOS 5 772-2	2-CCT 1 0CH		2-141 + 3211 +							Date: Timo: Bolinouished to:	Tare COM Zel Course Ale	1/4/11/1900 CULUUUU	In recessary, samples submitted to Hall Environmental may be sub

Released to Imaging: 1/31/2022 3:02:33 PM

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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

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	67719
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Delineation Workplan approved. Locate soil boring for vertical delineation as close as possible to TP-5. Collect soil samples at 5-foot intervals from 20-50 ft bgs for 8015 and 8021.	1/31/2022

Action 67719