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 93

Incident ID	nAPP2125655405
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 32.7207794

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Hornbaker BA #2	Site Type Well Pad
Date Release Discovered 9/10/2021	^{API#} 30-015-20592

Unit	t Letter	Section	Township	Range	County
	Н	25	18S	25E	Eddy

Surface Owner: State Federal Tribal X Private (Name: Hornbaker Estate

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls)	
Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls)	
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No	
Condensate	Volume Released (bbls)	Volume Recovered (bbls)	
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)	
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)	
Cause of Release Historical impacts were discovered around the wellhead during the reclamation activities. The release date and volume is unknown, the environmental consultant contracted to investigate the site determined based that the release most likely crossed the reportable threshold due the concentrations encountered and size of the impacted area.			

Page	2
1 age	~

Oil Conservation Division

Incident ID	nAPP2125655405
District RP	
Facility ID	
Application ID	

If YES, for what reason(s) does the responsible party consider this a major release?
tice 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.

 \checkmark 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: Chan Settle

Title: Rep Safety & Environmental Sr

Date: 09/13/2021

email: Chase_Settle@eogresources.com

Telephone: 575-748-1471

OCD Only

Received by: Ramona Marcus

Date: <u>9/13/2021</u>

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>>100</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 🔽 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
- $\overline{\nabla}$ Data table of soil contaminant concentration data
- \checkmark 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
- Z 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.

Received by OCD: 2/1/202	22 4:30:13 PM State of New Mexico			Page 4 of 93
			Incident ID	nAPP2125655405
Page 4	Oil Conservation Division	on	District RP	
			Facility ID	
			Application ID	
regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: Chase Signature: Chase	ormation given above is true and complete to e required to report and/or file certain release ument. The acceptance of a C-141 report by t gate and remediate contamination that pose a of a C-141 report does not relieve the operato Settle Settle e@eogresources.com	notifications and perform c the OCD does not relieve th threat to groundwater, surfa- or of responsibility for comp	orrective actions for rele e operator of liability sh ace water, human health liance with any other fe action of the second second second second action of the second second second second second action of the second seco	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
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Oil Conservation Division

Incident ID	nAPP2125655405
District RP	
Facility ID	
Application ID	

Remediation Plan

<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan. Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points \square Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. Extents of contamination must be fully delineated. Contamination does not cause an imminent risk to human health, the environment, or groundwater. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. ______ _{Title:} Rep Safety & Environmental Sr Printed Name: Chase Settle Signature: Chase Settle Date: 01/31/2022 email: Chase_Settle@eogresources.com Telephone: 575-748-1471 **OCD Only** Received by: Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved ennifer Nobui Date: 02/09/2022 Signature:

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



Our ref: 11228980

January 28, 2022

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

Re: Site Characterization and Remediation Work Plan Hornbaker BA #2 Release Site EOG Resources Inc. Incident ID: nAPP2125655405 H-25-18S-25E, Eddy County, New Mexico

To Whom It May Concern:

1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Characterization and Remediation Work Plan 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 Hornbaker BA #2 Release Site (Site). Remedial activities are also proposed for NMOCD considerations. The Site is located in Unit Letter H Section 25 of Township 18 South and Range 25 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.7207794 N latitude and 104.4318771 W longitude. The release occurred on private land owned by Hornbaker Estate. 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 initial report for this release was submitted to the NMOCD on September 13, 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's restoration and reclamation process with this location. Soils around the dry hole marker 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 nAPP2125655405. The Release Notification and, Site Assessment/Characterization portions of Form C-141 are attached to the front of this report.

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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).

GHD and White Drilling Company, Inc (White), on behalf of EOG, installed a groundwater determination soil boring (DTW Well) at the following GPS coordinates, 32.71749 N latitude and 104.43004 W longitude located within 0.25 miles to the south of the Site. The DTW Well was drilled to 107.5 feet below ground surface (bgs) and was left open for 72 hours. After utilization of a water level meter it was determined groundwater was greater than 107.5 feet bgs. and the boring was plugged. No other receptors (karst potential areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundary 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 that meets closure criteria for depth to groundwater greater than one hundred (100) feet for Table 1 in NMAC 19.15.29.12. The Site characterization documentation (DTW Well: Stratigraphic and Instrumental Log, Karst Potential, FEMA, Watercourse, 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	>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 Soil Delineation Assessment Summary and Findings

On September 20 and 21, 2021, GHD Services Inc. (GHD) and EOG's contractor Culberson Construction Energy Services (CCI), on behalf of EOG, installed sixteen (16) test pits within the suspected impacted area. Site assessment activities in the northern portion of the Site was ceased once a liner at four (4) feet bgs was discovered from a previous remediation project. Within those first 4 feet soils were non-impacted and vegetated; therefore, GHD and CCI did not agitate or disturb the soils or liner. All soil samples outside the lined area were collected from surface to (20) feet bgs. Samples were then analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8021B, Total Petroleum Hydrocarbons (TPH) by Method 8015B Modified, and chloride by EPA Method 300 by Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico. Analytical results indicated none of the soil samples exhibited benzene, BTEX, TPH or chloride concentrations above Table 1 closure criteria. Depth to groundwater was unknown during this phase of investigation.

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Figure 2, Site Assessment: Soil Analytical Results Map, depicts the locations of the initial delineation samples, analytical concentrations, and the lined area with non-impacted soils in the first four (4) feet bgs located in the northern portion of the Site. Analytical results are provided in Table 1, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment B.

5. nAPP2125655405 Proposed Work Plan

GHD, on behalf of EOG, proposes to excavate the areas to the following depths:

- TP-4 to one (1) foot bgs or until the soils in the first four (4) feet bgs exhibit TPH concentrations below 100 mg/kg and chloride concentrations below 600 mg/kg.
- TP-1, TP-5, TP-6, TP-8, TP-9, TP-10 and TP-16 to four (4) feet bgs or until the soils in the first four (4) feet bgs exhibit TPH concentrations below 100 mg/kg and chloride concentrations below 600 mg/kg.

The excavation in the northern portion will cease once the liner at 4 feet bgs from a previous remediation project is exposed. Sidewall samples will be collected in the unlined areas to verify TPH concentrations below 100 mg/kg and chloride concentrations below 600 mg/kg.

Confirmation samples from the bottom of the excavation will be collected by way of five (5) point composite samples. Samples collected are to ensure that soil remaining above and below four (4) feet meet the requirements set forth by NMAC 19.15.29.12 and 13 prior to the commencement of backfill activities. Sidewall confirmation samples will be collected by way of five (5) point composite samples, with one (1) sample collected for every 46.5 linear feet of the excavation sidewall when the sidewall height does not exceed four (4) feet bgs, which conforms to the requirement of no sample representing greater than two hundred (200) square feet. All confirmation 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.

Excavated soils will be transported to an NMOCD approved disposal facility for disposal. The anticipated volume of soil to be disposed of is approximately 1,070 cubic yards. The excavation will be backfilled with non-impacted soil transported to the site. The remediation will be performed within 90 days after the work plan has been approved. If confirmation soil samples exhibit benzene, BTEX, TPH and chloride concentrations below Table 1 closure criteria, a closure report will be prepared to document remediation activities and submitted to the NMOCD. If the samples exhibit Total TPH concentrations above Table 1 closure criteria a new work plan will be submitted to the NMOCD for approval.

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

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Received by OCD: 2/1/2022 4:30:13 PM

Sincerely,

GHD

Rebecca Haskell

Becky Haskell Senior Project Manager

BH/ZC/1

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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



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Figures

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Data Source: USGS 7.5 Minute Quad "Bond Draw and Malaga, New Mexico" Lat/Lorg 32.720982: North, 104.431683: West



- DEPTH DEPTH OF SAMPLE (FT) BTEX BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG) TOTAL PETROLEUM HYDROCARBONS TPH CONCENTRATION (MG/KG)
- 1. RESULTS IN MILLIGRAMS PER KILOGRAM (MG/KG).
- 2. SEE TABLE 1 FOR FULL ANALYTICAL RESULTS/DETAILS.
- 3. PEACH SHADED CELLS EXCEED THE NMOC 19.15.29.13 (FIRST 4 FEET) TABLE 1.





				TPH	
		Benzene	BTEX	Total GRO/DRO/MRO	Chloride
e	Depth (feet bgs)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
				for Soils <50 feet Depth to	
		10 mg/Kg	50 mg/Kg	2,500 mg/Kg	20,000 mg/Kg
1	Initial	Assessment S	amples - Test	Pits	A COMPANY OF
21	2	<0.025	<0.10	1,510	1,100
21	6	<0.023	<0.093	<49	680
21	10	<0.025	<0.099	<49	750
21	12	<0.024	<0.094	172	530
21	14	<0.024	<0.095	<50	190
21	2	<0.024	<0.096	<48	410
21	Surface	<0.023	<0.094	<46	<60
21	2	<0.025	<0.099	<48	<60
	Contraction of the				
21	Surface	<0.024	<0.094	150	<60
21	2	<0.024	<0.094	<49	120
21	2	<0.025	<0.099	<49	1,300
21	6	<0.024	<0.095	<50	710
21	8	<0.024	<0.095	<48	360
21	2	<0.024	<0.094	<48	1,000
21	6	<0.024	<0.097	<48	390
					11.
21	Surface	<0.023	<0.093	<50	<60
21	2	<0.023	<0.092	<48	320
21	2	<0.024	<0.096	<46	1,200
21	6	<0.024	<0.098	224	1,200
21	12	<0.024	<0.097	<50	610
21	18	<0.024	<0.097	<46	860
21	20	<0.025	<0.098	<47	470
1	2	<0.024	<0.094	326	2,200
1	6	<0.024	<0.094	<46	1,500
1	10	<0.023	<0.093	<40	1,300
1	10	<0.025	<0.099	<50	950
1	14	<0.025	<0.098	<47	550
1	19	<0.024	<0.097	<49	300
					500
1	2	<0.025	<0.099	<50	1,100
1	6	<0.025	<0.098	<48	270
1	8	<0.024	<0.095	<47	380
1	10	<0.023	< 0.093	<48	75
1	Surface	<0.025	<0.099	<50	<60
1	2	<0.025	<0.099	<48	<60
2			- CARALAIN	and all the second s	
1	Surface	<0.024	<0.096	<50	<60
1	2	<0.024	<0.097	<47	<60
1	2	<0.024	<0.096	<50	200
1	4	<0.025	<0.098	<50	240
1	Surface	<0.025	<0.098	11	130
1	2	<0.023	<0.093	<47	83
-		4 7 L 10 K 10 L	ontri minimi.		
1	Surface	<0.025	<0.099	<50	<60
1	2	<0.024	<0.098	<49	99
1	Surface	<0.024	<0.097	<49	<60
1	2	<0.023	<0.093	236	<60

SITE ASSESSMENT: SOIL ANALYTICAL RESULTS MAP

EOG RESOURCES

EDDY COUNTY, NEW MEXICO

HORNBAKER BA #2 BATTERY

Project No. 11228980 Date January 2022

FIGURE 2

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Tables

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					Hornba EO	Table 1 of Soil Analytica aker BA Battery G Resources ounty, New Mex	2								
										ТРН	РН				
	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)			
									oundwater 19.15						
			10 mg/Kg				50 mg/Kg	1,000	mg/Kg		2,500 mg/Kg	20,000 mg/Kg			
TD4 0	0/00/0004	<u> </u>	0.005	0.050		nent Samples -	1	5.0	440	4.400	4 540	4.400			
TP1-2 TP1-6	9/20/2021	2	<0.025 <0.023	<0.050	< 0.050	<0.10	<0.10 <0.093	<5.0 <4.7	410 <9.7	1,100 <49	1,510 <49	1,100 680			
TP1-0	9/20/2021 9/20/2021	10	<0.023	<0.047 <0.049	<0.047 <0.049	<0.093 <0.099	<0.093	<4.7	<9.7	<49 <49	<49	750			
TP1-10	9/20/2021	10	<0.023	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7 74	<49 98	172	530			
TP1-12	9/20/2021	14	<0.024	<0.047	<0.047	<0.094	<0.094	<4.8	<10	30 <50	<50	190			
TP2-2	9/20/2021	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<48	<48	410			
TP3-S	9/20/2021	Surface	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.3	<46	<46	<60			
TP3-2	9/20/2021	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<48	<48	<60			
TP4-S	9/20/2021	Surface	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	30	120	150	<60			
TP4-2	9/20/2021	2	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.8	<49	<49	120			
757.0															
TP5-2	9/20/2021	2	<0.025	<0.050	< 0.050	< 0.099	< 0.099	<5.0	<9.8	<49	<49	1,300			
TP5-6	9/20/2021	6 8	<0.024	<0.048	< 0.048	< 0.095	< 0.095	<4.8	<10	<50	<50	710			
TP5-8	9/20/2021	ð	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.5	<48	<48	360			
TP6-2	9/20/2021	2	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.5	<48	<48	1,000			
TP6-6	9/20/2021	6	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.7	<48	<48	390			
TP7-S	9/20/2021	Surface	<0.023	<0.046	<0.046	< 0.093	<0.093	<4.6	<10	<50	<50	<60			
TP7-2	9/20/2021	2	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.7	<48	<48	320			
TP8-2	9/20/2021	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.2	<46	<46	1,200			
TP8-2 TP8-6	9/20/2021	6	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8 <4.9	<9.2 64	<40 160	<40 224	1,200			
TP8-12	9/20/2021	12	<0.024	<0.049	<0.049	<0.090	<0.098	<4.9	<9.9	<50	<50	610			
TP8-18	9/20/2021	12	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.2	<46	<46	860			
TP8-20	9/20/2021	20	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<47	<47	470			
												-			
TP9-2	9/21/21	2	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	56	270	326	2,200			
TP9-6	9/21/21	6	<0.023	<0.046	< 0.046	<0.093	< 0.093	<4.6	<9.2	<46	<46	1,500			
TP9-10	9/21/21	10	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.4	<47	<47	1,300			
TP9-14 TP9-17	9/21/21 9/21/21	14 17	<0.025 <0.024	<0.049 <0.049	<0.049 <0.049	<0.098 <0.098	<0.098 <0.098	<4.9 <4.9	<9.9 <9.4	<50 <47	<50 <47	950 550			
TP9-17 TP9-19	9/21/21	17	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<47 <49	<47	300			
TP10-2	9/21/21	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<10	<50	<50	1,100			

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					Hornba EO	Table 1 If Soil Analytica Iker BA Battery G Resources Jounty, New Mex	2					
										ТРН		
	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	oundwater 19.15.	29 NMAC		<u></u>
			10 mg/Kg				50 mg/Kg	1,000	mg/Kg		2,500 mg/Kg	20,000 mg/Kg
TP10-6	9/21/21	6	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<48	<48	270
TP10-8	9/21/21	8	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.4	<47	<47	380
TP10-10	9/21/21	10	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.7	<48	<48	75
TP11-S	9/21/21	Surface	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.9	<50	<50	<60
TP-11-2	9/21/21	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.6	<48	<48	<60
TP12-S	9/21/21	Surface	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<50	<50	<60
TP12-2	9/21/21	2	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.3	<47	<47	<60
TP13-2	9/21/21	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<50	<50	200
TP13-4	9/21/21	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<50	<50	240
TP14-S	9/21/21	Surface	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	11	<48	11	130
TP14-2	9/21/21	2	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<9.5	<47	<47	83
TP15-S	9/21/21	Surface	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.9	<50	<50	<60
TP15-2	9/21/21	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.9	<49	<49	99
TP16-S	9/21/21	Surface	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.7	<49	<49	<60
TP16-2	9/21/21	2	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	66	170	236	<60

Notes:

Values reported in mg/kg
 < = 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.

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

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

Peach shaded cells indicate analytical samples that exceed the NMOC 19.15.29.13 Table 1

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

Attachment A Site Characterization Documentation



GHD	STRATIGRAPHIC / (O	URDE		011200				Page	1 of 2
PROJEC	CT NAME: Nix Curtis BH Battery	HOLE D	ESIGNATION:	DTW We	II				
PROJEC	CT NUMBER: 11229322	DATE C	OMPLETED: D	ecember 14, 202	21				
CLIENT:	EOG Resources	DRILLIN	G METHOD: A	ir Rotary/Split Sp	ooons				
LOCATIO	ON: Artesia, New Mexico	FIELD P	ERSONNEL: L	Mullins					
	G CONTRACTOR: White Drilling Company, Inc	 DRILLE	R: B. Adkins						
DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SOIL B	ORING			SAMF		
		 			BER	RVAI	(%)	RIDE (kg)	
					NUMBER	INTERVAL	REC (%)	CHLORIDE (mg/kg)	
	CL-SILTY CLAY, with sand, light brown, dry				~	≤	_	0	<u> </u>
5 10 15 20 25 30	CL-SILTY CLAY, with sand, light brown, dry	12.00		Backfilled With Cement Grout					
35	CL-CLAY, with silt and caliche interbedded	35.00							
40 45	CL-CLAY, with fine to medium grained sand, light brown, slightly moist	38.00							
50									
60 -	CL-SILTY CLAY, with sand and rock interbedded throughout, light brown, slightly damp	60.00							

•

GHD	STRATIGRAPHIC AI (OV		NSTRU URDEI					Page	2 of 2
PROJECT	Γ NAME: Nix Curtis BH Battery			ESIGNATION: DTW WE	ell				
	NUMBER: 11229322		DATE C	OMPLETED: December 14, 20	21				
CLIENT:	EOG Resources		DRILLIN	IG METHOD: Air Rotary/Split S	poons				
LOCATIO	N: Artesia, New Mexico		FIELD F	ERSONNEL: L. Mullins					
DRILLING	CONTRACTOR: White Drilling Company, Inc		DRILLE	R: B. Adkins					
DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS		DEPTH BGS	SOIL BORING			SAMF		
			DG3		NUMBER	INTERVAL	REC (%)	CHLORIDE (mg/kg)	
					ž	Ĩ	R	9 <u>,</u>	
- 70 - 75 - 80	SP-SAND, with silt, fine to medium grained, light brown, slightly damp		70.00						
90									
100									
- 105			107.50						
110	END OF BOREHOLE @ 107.50ft BGS DTW Well was left open for 72 hours to determine presence or absence of groundwater by utilization of a water level meter. No								
115	groundwater was present.								
120									
- 125									
	IOTES: MEASURING POINT ELEVATIONS MAY CHANG	E; REFE	ER TO CUF	RRENT ELEVATION TABLE					





Hornbaker BA #2



1/17/2022, 9:44:30 AM

OSE District Boundary New Mexico State Trust Lands **GIS WATERS PODs**

0 Active

Water Right Regulations

Both Estates

0 Pending

Closure Area

SiteBoundaries



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

Received by OCD: 2/1/2022 4:30:13 PM National Flood Hazard Layer FIRMette



Legend

regulatory purposes.

Page 23 of 93



Release a Imaging: 2/9/2022 1.999.12 PM 1,500 2.000

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

U.S. Fish and Wildlife Service National Wetlands Inventory

Hornbaker BA #2



January 17, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Forested/Shrub Wetland

Freshwater Emergent 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.

Released to Imaging: 2/9/2022 1:39:12 PM

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

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



October 14, 2021

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

RE: Hornbaker BA 2

OrderNo.: 2109B81

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 28 sample(s) on 9/22/2021 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 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sa	ample II	D: TP	21-2	
Project: Hornbaker BA 2		(Collect	ion Dat	e: 9/2	20/2021 7:50:00 AM	
Lab ID: 2109B81-001	Matrix: SOIL		Recei	ved Dat	e: 9/2	22/2021 7:10:00 AM	
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	1100	60		mg/Kg	20	9/27/2021 12:03:05 PM	62839
EPA METHOD 8015M/D: DIESEL RANGI	E ORGANICS					Analyst	SB
Diesel Range Organics (DRO)	410	98		mg/Kg	10	9/24/2021 3:56:51 PM	62781
Motor Oil Range Organics (MRO)	1100	490		mg/Kg	10	9/24/2021 3:56:51 PM	62781
Surr: DNOP	0	70-130	S	%Rec	10	9/24/2021 3:56:51 PM	62781
EPA METHOD 8015D: GASOLINE RANG	E					Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/24/2021 2:04:27 AM	62766
Surr: BFB	99.0	70-130		%Rec	1	9/24/2021 2:04:27 AM	62766
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.025		mg/Kg	1	9/24/2021 2:04:27 AM	62766
Toluene	ND	0.050		mg/Kg	1	9/24/2021 2:04:27 AM	62766
Ethylbenzene	ND	0.050		mg/Kg	1	9/24/2021 2:04:27 AM	62766
Xylenes, Total	ND	0.10		mg/Kg	1	9/24/2021 2:04:27 AM	62766
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	9/24/2021 2:04:27 AM	62766

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
- % 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

Page 1 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sa	ample II	D: TF	21-6	
Project: Hornbaker BA 2		(Collect	tion Dat	e:9/2	20/2021 8:05:00 AM	
Lab ID: 2109B81-002	Matrix: SOIL		Recei	ved Dat	e:9/2	22/2021 7:10:00 AM	
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	јмт
Chloride	680	60		mg/Kg	20	10/4/2021 7:38:43 AM	62988
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/1/2021 6:25:46 PM	62957
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/1/2021 6:25:46 PM	62957
Surr: DNOP	77.9	70-130		%Rec	1	10/1/2021 6:25:46 PM	62957
EPA METHOD 8015D: GASOLINE RANG	E					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/4/2021 9:45:40 AM	62954
Surr: BFB	161	70-130	S	%Rec	1	10/4/2021 9:45:40 AM	62954
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.023		mg/Kg	1	10/4/2021 9:45:40 AM	62954
Toluene	ND	0.047		mg/Kg	1	10/4/2021 9:45:40 AM	62954
Ethylbenzene	ND	0.047		mg/Kg	1	10/4/2021 9:45:40 AM	62954
Xylenes, Total	ND	0.093		mg/Kg	1	10/4/2021 9:45:40 AM	62954
Surr: 4-Bromofluorobenzene	136	70-130	S	%Rec	1	10/4/2021 9:45:40 AM	62954

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range Analyte detected below quantitation limits
- J Р Sample pH Not In Range
- RL Reporting Limit
- Page 2 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sample I	D: TH	21-10	
Project: Hornbaker BA 2			_		20/2021 8:20:00 AM	
Lab ID: 2109B81-003	Matrix: SOIL		Received Dat	e:9/2	22/2021 7:10:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	750	60	mg/Kg	20	10/4/2021 8:15:56 AM	62988
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/1/2021 7:36:39 PM	62957
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/1/2021 7:36:39 PM	62957
Surr: DNOP	80.4	70-130	%Rec	1	10/1/2021 7:36:39 PM	62957
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/4/2021 10:56:09 AM	62954
Surr: BFB	103	70-130	%Rec	1	10/4/2021 10:56:09 AM	62954
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	10/4/2021 10:56:09 AM	62954
Toluene	ND	0.049	mg/Kg	1	10/4/2021 10:56:09 AM	62954
Ethylbenzene	ND	0.049	mg/Kg	1	10/4/2021 10:56:09 AM	62954
Xylenes, Total	ND	0.099	mg/Kg	1	10/4/2021 10:56:09 AM	62954
Surr: 4-Bromofluorobenzene	85.2	70-130	%Rec	1	10/4/2021 10:56:09 AM	62954

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
- % 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

Page 3 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sample II	D: TH	21-12	
Project: Hornbaker BA 2		(Collection Dat	e: 9/2	20/2021 8:30:00 AM	
Lab ID: 2109B81-004	Matrix: SOIL		Received Dat	e: 9/2	22/2021 7:10:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	530	60	mg/Kg	20	10/4/2021 8:53:10 AM	62988
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	74	9.8	mg/Kg	1	10/4/2021 11:12:49 PM	62957
Motor Oil Range Organics (MRO)	98	49	mg/Kg	1	10/4/2021 11:12:49 PM	62957
Surr: DNOP	77.1	70-130	%Rec	1	10/4/2021 11:12:49 PM	62957
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/4/2021 12:07:16 PM	62954
Surr: BFB	102	70-130	%Rec	1	10/4/2021 12:07:16 PM	62954
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	10/4/2021 12:07:16 PM	62954
Toluene	ND	0.047	mg/Kg	1	10/4/2021 12:07:16 PM	62954
Ethylbenzene	ND	0.047	mg/Kg	1	10/4/2021 12:07:16 PM	62954
Xylenes, Total	ND	0.094	mg/Kg	1	10/4/2021 12:07:16 PM	62954
Surr: 4-Bromofluorobenzene	84.5	70-130	%Rec	1	10/4/2021 12:07:16 PM	62954

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
- % 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

Page 4 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sample II	D: TF	21-14	
Project: Hornbaker BA 2		(Collection Dat	e:9/2	20/2021 8:45:00 AM	
Lab ID: 2109B81-005	Matrix: SOIL		Received Date	e:9/2	22/2021 7:10:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	190	60	mg/Kg	20	10/4/2021 9:05:35 AM	62988
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/1/2021 8:24:01 PM	62957
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/1/2021 8:24:01 PM	62957
Surr: DNOP	81.7	70-130	%Rec	1	10/1/2021 8:24:01 PM	62957
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/4/2021 12:30:50 PM	62954
Surr: BFB	106	70-130	%Rec	1	10/4/2021 12:30:50 PM	62954
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	10/4/2021 12:30:50 PM	62954
Toluene	ND	0.048	mg/Kg	1	10/4/2021 12:30:50 PM	62954
Ethylbenzene	ND	0.048	mg/Kg	1	10/4/2021 12:30:50 PM	62954
Xylenes, Total	ND	0.095	mg/Kg	1	10/4/2021 12:30:50 PM	62954
Surr: 4-Bromofluorobenzene	87.6	70-130	%Rec	1	10/4/2021 12:30:50 PM	62954

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
- % 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

Page 5 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland			ient Sample I			
Project: Hornbaker BA 2		(Collection Dat	:e: 9/2	20/2021 9:10:00 AM	
Lab ID: 2109B81-006	Matrix: SOIL		Received Dat	e: 9/2	22/2021 7:10:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	410	60	mg/Kg	20	9/27/2021 12:15:30 PN	62839
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	9/25/2021 4:37:42 AM	62781
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/25/2021 4:37:42 AM	62781
Surr: DNOP	92.0	70-130	%Rec	1	9/25/2021 4:37:42 AM	62781
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/24/2021 2:28:07 AM	62766
Surr: BFB	102	70-130	%Rec	1	9/24/2021 2:28:07 AM	62766
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	9/24/2021 2:28:07 AM	62766
Toluene	ND	0.048	mg/Kg	1	9/24/2021 2:28:07 AM	62766
Ethylbenzene	ND	0.048	mg/Kg	1	9/24/2021 2:28:07 AM	62766
Xylenes, Total	ND	0.096	mg/Kg	1	9/24/2021 2:28:07 AM	62766
Surr: 4-Bromofluorobenzene	89.0	70-130	%Rec	1	9/24/2021 2:28:07 AM	62766

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
- % 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

Page 6 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP3-S							
Project: Hornbaker BA 2	Collection Date: 9/20/2021 10:20:00 AM							
Lab ID: 2109B81-011	Matrix: SOIL	Received Date: 9/22/2021 7:10:00 AM						
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS						Analy	st: VP	
Chloride	ND	60		mg/Kg	20	9/27/2021 12:27:54 P	M 62839	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analy	st: SB	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	9/29/2021 2:43:26 PM	l 62781	
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/29/2021 2:43:26 PM	l 62781	
Surr: DNOP	63.0	70-130	S	%Rec	1	9/29/2021 2:43:26 PM	l 62781	
EPA METHOD 8015D: GASOLINE RANGE	E					Analy	st: NSB	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/24/2021 2:51:47 AM	62766	
Surr: BFB	99.3	70-130		%Rec	1	9/24/2021 2:51:47 AM	62766	
EPA METHOD 8021B: VOLATILES						Analy	st: NSB	
Benzene	ND	0.023		mg/Kg	1	9/24/2021 2:51:47 AM	62766	
Toluene	ND	0.047		mg/Kg	1	9/24/2021 2:51:47 AN	62766	
Ethylbenzene	ND	0.047		mg/Kg	1	9/24/2021 2:51:47 AM	62766	
Xylenes, Total	ND	0.094		mg/Kg	1	9/24/2021 2:51:47 AM	62766	
Surr: 4-Bromofluorobenzene	87.6	70-130		%Rec	1	9/24/2021 2:51:47 AN	l 62766	

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
- % 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

Page 7 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP3-2 Collection Date: 9/20/2021 10:35:00 AM					
Project: Hornbaker BA 2						
Lab ID: 2109B81-012	Matrix: SOIL Received Date: 9/22/2021 7:10:00 AM					
Analyses	Result	PQL	Qual Un	its D	OF Date Analyzed Bate	tch
EPA METHOD 300.0: ANIONS					Analyst: VP)
Chloride	ND	60	mg	/Kg 2	20 9/27/2021 12:40:19 PM 628	339
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: SB	5
Diesel Range Organics (DRO)	ND	9.7	mg	/Kg 1	1 9/25/2021 5:02:06 AM 6278	781
Motor Oil Range Organics (MRO)	ND	48	mg	/Kg 1	1 9/25/2021 5:02:06 AM 6278	781
Surr: DNOP	74.3	70-130	%F	ec 1	1 9/25/2021 5:02:06 AM 6278	781
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst: NSE	в
Gasoline Range Organics (GRO)	ND	5.0	mg	/Kg 1	1 9/24/2021 3:15:30 AM 627	766
Surr: BFB	102	70-130	%F	lec 1	1 9/24/2021 3:15:30 AM 627	766
EPA METHOD 8021B: VOLATILES					Analyst: NSE	в
Benzene	ND	0.025	mg	/Kg 1	1 9/24/2021 3:15:30 AM 627	766
Toluene	ND	0.050	mg	/Kg 1	1 9/24/2021 3:15:30 AM 627	766
Ethylbenzene	ND	0.050	mg	/Kg 1	1 9/24/2021 3:15:30 AM 627	766
Xylenes, Total	ND	0.099	mg	/Kg 1	1 9/24/2021 3:15:30 AM 627	766
Surr: 4-Bromofluorobenzene	91.2	70-130	%F	ec 1	1 9/24/2021 3:15:30 AM 627	766

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
- % 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

Page 8 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP4-S							
Project: Hornbaker BA 2	Collection Date: 9/20/2021 10:40:00 AM							
Lab ID: 2109B81-013	Matrix: SOIL	Received Date: 9/22/2021 7:10:00 AM						
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	ND	60	mg/Kg	20	9/27/2021 1:17:34 PM	62839		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	30	9.8	mg/Kg	1	9/29/2021 2:30:58 PM	62781		
Motor Oil Range Organics (MRO)	120	49	mg/Kg	1	9/29/2021 2:30:58 PM	62781		
Surr: DNOP	84.9	70-130	%Rec	1	9/29/2021 2:30:58 PM	62781		
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/24/2021 3:39:11 AM	62766		
Surr: BFB	98.0	70-130	%Rec	1	9/24/2021 3:39:11 AM	62766		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.024	mg/Kg	1	9/24/2021 3:39:11 AM	62766		
Toluene	ND	0.047	mg/Kg	1	9/24/2021 3:39:11 AM	62766		
Ethylbenzene	ND	0.047	mg/Kg	1	9/24/2021 3:39:11 AM	62766		
Xylenes, Total	ND	0.094	mg/Kg	1	9/24/2021 3:39:11 AM	62766		
Surr: 4-Bromofluorobenzene	86.1	70-130	%Rec	1	9/24/2021 3:39:11 AM	62766		

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
- % 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

Page 9 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP4-2						
Project: Hornbaker BA 2	Collection Date: 9/20/2021 10:50:00 AM						
Lab ID: 2109B81-014	Matrix: SOIL Received Date: 9/22/2021 7:10:00 AM						
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: VP	
Chloride	120	60	mg/Kg	20	9/27/2021 1:29:59 PM	62839	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB	
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	9/25/2021 5:26:21 AM	62781	
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/25/2021 5:26:21 AM	62781	
Surr: DNOP	86.3	70-130	%Rec	1	9/25/2021 5:26:21 AM	62781	
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/24/2021 4:02:38 AM	62766	
Surr: BFB	101	70-130	%Rec	1	9/24/2021 4:02:38 AM	62766	
EPA METHOD 8021B: VOLATILES					Analyst	: NSB	
Benzene	ND	0.024	mg/Kg	1	9/24/2021 4:02:38 AM	62766	
Toluene	ND	0.047	mg/Kg	1	9/24/2021 4:02:38 AM	62766	
Ethylbenzene	ND	0.047	mg/Kg	1	9/24/2021 4:02:38 AM	62766	
Xylenes, Total	ND	0.094	mg/Kg	1	9/24/2021 4:02:38 AM	62766	
Surr: 4-Bromofluorobenzene	89.3	70-130	%Rec	1	9/24/2021 4:02:38 AM	62766	

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
- % 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

Page 10 of 31
Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP5-2						
Project: Hornbaker BA 2		(Collection Dat	e: 9/2	20/2021 11:00:00 AM		
Lab ID: 2109B81-015	Matrix: SOIL		Received Dat	e: 9/2	22/2021 7:10:00 AM		
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: VP	
Chloride	1300	60	mg/Kg	20	9/27/2021 1:42:23 PM	62839	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	9/25/2021 5:50:41 AM	62781	
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/25/2021 5:50:41 AM	62781	
Surr: DNOP	100	70-130	%Rec	1	9/25/2021 5:50:41 AM	62781	
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB	
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/24/2021 4:26:08 AM	62766	
Surr: BFB	101	70-130	%Rec	1	9/24/2021 4:26:08 AM	62766	
EPA METHOD 8021B: VOLATILES					Analyst	: NSB	
Benzene	ND	0.025	mg/Kg	1	9/24/2021 4:26:08 AM	62766	
Toluene	ND	0.050	mg/Kg	1	9/24/2021 4:26:08 AM	62766	
Ethylbenzene	ND	0.050	mg/Kg	1	9/24/2021 4:26:08 AM	62766	
Xylenes, Total	ND	0.099	mg/Kg	1	9/24/2021 4:26:08 AM	62766	
Surr: 4-Bromofluorobenzene	88.8	70-130	%Rec	1	9/24/2021 4:26:08 AM	62766	

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
- % 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

Page 11 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sample II	D: TF	2 5-6			
Project: Hornbaker BA 2	Collection Date: 9/20/2021 11:10:00 AM							
Lab ID: 2109B81-016	Matrix: SOIL		Received Dat	e: 9/2	22/2021 7:10:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	710	61	mg/Kg	20	9/27/2021 1:54:48 PM	62839		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/24/2021 11:11:41 AM	62799		
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/24/2021 11:11:41 AM	62799		
Surr: DNOP	103	70-130	%Rec	1	9/24/2021 11:11:41 AM	62799		
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/24/2021 1:46:26 PM	62767		
Surr: BFB	101	70-130	%Rec	1	9/24/2021 1:46:26 PM	62767		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.024	mg/Kg	1	9/24/2021 1:46:26 PM	62767		
Toluene	ND	0.048	mg/Kg	1	9/24/2021 1:46:26 PM	62767		
Ethylbenzene	ND	0.048	mg/Kg	1	9/24/2021 1:46:26 PM	62767		
Xylenes, Total	ND	0.095	mg/Kg	1	9/24/2021 1:46:26 PM	62767		
Surr: 4-Bromofluorobenzene	90.1	70-130	%Rec	1	9/24/2021 1:46:26 PM	62767		

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
- % 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

Page 12 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP5-8 Collection Date: 9/20/2021 11:20:00 AM						
Project: Hornbaker BA 2							
Lab ID: 2109B81-017	Matrix: SOIL		Received Date	e:9/2	22/2021 7:10:00 AM		
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ	
Chloride	360	60	mg/Kg	20	10/4/2021 9:42:48 AM	62988	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/1/2021 8:47:42 PM	62957	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/1/2021 8:47:42 PM	62957	
Surr: DNOP	83.4	70-130	%Rec	1	10/1/2021 8:47:42 PM	62957	
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/4/2021 12:54:33 PM	62954	
Surr: BFB	106	70-130	%Rec	1	10/4/2021 12:54:33 PM	62954	
EPA METHOD 8021B: VOLATILES					Analyst	: NSB	
Benzene	ND	0.024	mg/Kg	1	10/4/2021 12:54:33 PM	62954	
Toluene	ND	0.047	mg/Kg	1	10/4/2021 12:54:33 PM	62954	
Ethylbenzene	ND	0.047	mg/Kg	1	10/4/2021 12:54:33 PM	62954	
Xylenes, Total	ND	0.095	mg/Kg	1	10/4/2021 12:54:33 PM	62954	
Surr: 4-Bromofluorobenzene	87.7	70-130	%Rec	1	10/4/2021 12:54:33 PM	62954	

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
- % 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

Page 13 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP6-2							
Project: Hornbaker BA 2	Collection Date: 9/20/2021 12:40:00 PM							
Lab ID: 2109B81-018	Matrix: SOIL		Received Dat	e: 9/2	22/2021 7:10:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	1000	61	mg/Kg	20	9/27/2021 2:07:12 PM	62839		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	9/27/2021 12:40:47 PM	62799		
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/27/2021 12:40:47 PM	62799		
Surr: DNOP	75.8	70-130	%Rec	1	9/27/2021 12:40:47 PM	62799		
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/24/2021 2:56:55 PM	62767		
Surr: BFB	102	70-130	%Rec	1	9/24/2021 2:56:55 PM	62767		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.024	mg/Kg	1	9/24/2021 2:56:55 PM	62767		
Toluene	ND	0.047	mg/Kg	1	9/24/2021 2:56:55 PM	62767		
Ethylbenzene	ND	0.047	mg/Kg	1	9/24/2021 2:56:55 PM	62767		
Xylenes, Total	ND	0.094	mg/Kg	1	9/24/2021 2:56:55 PM	62767		
Surr: 4-Bromofluorobenzene	90.4	70-130	%Rec	1	9/24/2021 2:56:55 PM	62767		

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
- % 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

Page 14 of 31

Released to Imaging: 2/9/2022 1:39:12 PM

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP6-6							
Project: Hornbaker BA 2	Collection Date: 9/20/2021 12:50:00 PM							
Lab ID: 2109B81-019	Matrix: SOIL		Received Date	e: 9/2	22/2021 7:10:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	390	60	mg/Kg	20	9/27/2021 2:19:37 PM	62839		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	9/24/2021 11:35:58 AM	62799		
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/24/2021 11:35:58 AM	62799		
Surr: DNOP	90.7	70-130	%Rec	1	9/24/2021 11:35:58 AM	62799		
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	NSB		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/24/2021 4:07:51 PM	62767		
Surr: BFB	100	70-130	%Rec	1	9/24/2021 4:07:51 PM	62767		
EPA METHOD 8021B: VOLATILES					Analyst	NSB		
Benzene	ND	0.024	mg/Kg	1	9/24/2021 4:07:51 PM	62767		
Toluene	ND	0.048	mg/Kg	1	9/24/2021 4:07:51 PM	62767		
Ethylbenzene	ND	0.048	mg/Kg	1	9/24/2021 4:07:51 PM	62767		
Xylenes, Total	ND	0.097	mg/Kg	1	9/24/2021 4:07:51 PM	62767		
Surr: 4-Bromofluorobenzene	88.7	70-130	%Rec	1	9/24/2021 4:07:51 PM	62767		

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
- % 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

Page 15 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sample II	D: TF	27-S			
Project: Hornbaker BA 2	Collection Date: 9/20/2021 1:10:00 PM							
Lab ID: 2109B81-021	Matrix: SOIL		Received Dat	e: 9/2	22/2021 7:10:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	ND	60	mg/Kg	20	9/27/2021 2:32:02 PM	62839		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/24/2021 12:00:16 PM	62799		
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/24/2021 12:00:16 PM	62799		
Surr: DNOP	92.4	70-130	%Rec	1	9/24/2021 12:00:16 PM	62799		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	9/24/2021 4:31:36 PM	62767		
Surr: BFB	103	70-130	%Rec	1	9/24/2021 4:31:36 PM	62767		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.023	mg/Kg	1	9/24/2021 4:31:36 PM	62767		
Toluene	ND	0.046	mg/Kg	1	9/24/2021 4:31:36 PM	62767		
Ethylbenzene	ND	0.046	mg/Kg	1	9/24/2021 4:31:36 PM	62767		
Xylenes, Total	ND	0.093	mg/Kg	1	9/24/2021 4:31:36 PM	62767		
Surr: 4-Bromofluorobenzene	89.9	70-130	%Rec	1	9/24/2021 4:31:36 PM	62767		

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
- % 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

Page 16 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP7-2							
Project: Hornbaker BA 2	Collection Date: 9/20/2021 1:20:00 PM							
Lab ID: 2109B81-022	Matrix: SOIL		Received Dat	t e: 9/2	22/2021 7:10:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	320	60	mg/Kg	20	9/27/2021 2:44:27 PM	62839		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB		
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	9/24/2021 12:24:26 PN	62799		
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/24/2021 12:24:26 PN	62799		
Surr: DNOP	94.9	70-130	%Rec	1	9/24/2021 12:24:26 PN	62799		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	9/24/2021 4:55:13 PM	62767		
Surr: BFB	103	70-130	%Rec	1	9/24/2021 4:55:13 PM	62767		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.023	mg/Kg	1	9/24/2021 4:55:13 PM	62767		
Toluene	ND	0.046	mg/Kg	1	9/24/2021 4:55:13 PM	62767		
Ethylbenzene	ND	0.046	mg/Kg	1	9/24/2021 4:55:13 PM	62767		
Xylenes, Total	ND	0.092	mg/Kg	1	9/24/2021 4:55:13 PM	62767		
Surr: 4-Bromofluorobenzene	90.0	70-130	%Rec	1	9/24/2021 4:55:13 PM	62767		

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
- % 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

Page 17 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland Project: Hornbaker BA 2	Client Sample ID: TP8-2 Collection Date: 9/20/2021 1:40:00 PM					
Lab ID: 2109B81-023	Matrix: SOIL		Received Date	e: 9/2	22/2021 7:10:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	1200	60	mg/Kg	20	9/28/2021 10:16:31 AM	62867
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	9/24/2021 12:48:43 PM	62799
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	9/24/2021 12:48:43 PM	62799
Surr: DNOP	99.1	70-130	%Rec	1	9/24/2021 12:48:43 PM	62799
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/24/2021 5:18:45 PM	62767
Surr: BFB	102	70-130	%Rec	1	9/24/2021 5:18:45 PM	62767
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	9/24/2021 5:18:45 PM	62767
Toluene	ND	0.048	mg/Kg	1	9/24/2021 5:18:45 PM	62767
Ethylbenzene	ND	0.048	mg/Kg	1	9/24/2021 5:18:45 PM	62767
Xylenes, Total	ND	0.096	mg/Kg	1	9/24/2021 5:18:45 PM	62767
Surr: 4-Bromofluorobenzene	89.6	70-130	%Rec	1	9/24/2021 5:18:45 PM	62767

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
- % 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

Page 18 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP8-6							
Project: Hornbaker BA 2	Collection Date: 9/20/2021 1:50:00 PM							
Lab ID: 2109B81-024	Matrix: SOIL		Received D	ate: 9/	22/2021 7:10:00 AM			
Analyses	Result	PQL	Qual Unit	s DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analys	t: VP		
Chloride	1200	60	mg/k	ig 20	9/28/2021 10:53:45 AM	1 62867		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: SB		
Diesel Range Organics (DRO)	64	9.7	mg/k		9/27/2021 7:05:57 PM	62799		
Motor Oil Range Organics (MRO)	160	48	mg/k	íg 1	9/27/2021 7:05:57 PM	62799		
Surr: DNOP	89.3	70-130	%Re	c 1	9/27/2021 7:05:57 PM	62799		
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB		
Gasoline Range Organics (GRO)	ND	4.9	mg/k	íg 1	9/24/2021 6:53:03 PM	62767		
Surr: BFB	102	70-130	%Re	c 1	9/24/2021 6:53:03 PM	62767		
EPA METHOD 8021B: VOLATILES					Analys	t: NSB		
Benzene	ND	0.024	mg/k		9/24/2021 6:53:03 PM	62767		
Toluene	ND	0.049	mg/k	íg 1	9/24/2021 6:53:03 PM	62767		
Ethylbenzene	ND	0.049	mg/k	íg 1	9/24/2021 6:53:03 PM	62767		
Xylenes, Total	ND	0.098	mg/k	íg 1	9/24/2021 6:53:03 PM	62767		
Surr: 4-Bromofluorobenzene	89.6	70-130	%Re	c 1	9/24/2021 6:53:03 PM	62767		

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
- % 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

Page 19 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP8-12							
Project: Hornbaker BA 2	Collection Date: 9/20/2021 2:10:00 PM							
Lab ID: 2109B81-025	Matrix: SOIL		Received Date	e:9/2	2/2021 7:10:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	610	60	mg/Kg	20	9/28/2021 11:06:10 AM	62867		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	9/24/2021 1:37:15 PM	62799		
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/24/2021 1:37:15 PM	62799		
Surr: DNOP	98.3	70-130	%Rec	1	9/24/2021 1:37:15 PM	62799		
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	NSB		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/24/2021 7:16:33 PM	62767		
Surr: BFB	103	70-130	%Rec	1	9/24/2021 7:16:33 PM	62767		
EPA METHOD 8021B: VOLATILES					Analyst	NSB		
Benzene	ND	0.024	mg/Kg	1	9/24/2021 7:16:33 PM	62767		
Toluene	ND	0.048	mg/Kg	1	9/24/2021 7:16:33 PM	62767		
Ethylbenzene	ND	0.048	mg/Kg	1	9/24/2021 7:16:33 PM	62767		
Xylenes, Total	ND	0.097	mg/Kg	1	9/24/2021 7:16:33 PM	62767		
Surr: 4-Bromofluorobenzene	91.1	70-130	%Rec	1	9/24/2021 7:16:33 PM	62767		

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
- % 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

Page 20 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP8-18							
Project: Hornbaker BA 2	Collection Date: 9/20/2021 2:50:00 PM							
Lab ID: 2109B81-027	Matrix: SOIL		Received Date	e:9/2	22/2021 7:10:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: JMT		
Chloride	860	61	mg/Kg	20	10/4/2021 9:55:13 AM	62988		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	10/1/2021 9:11:17 PM	62957		
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/1/2021 9:11:17 PM	62957		
Surr: DNOP	78.9	70-130	%Rec	1	10/1/2021 9:11:17 PM	62957		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/4/2021 1:18:27 PM	62954		
Surr: BFB	108	70-130	%Rec	1	10/4/2021 1:18:27 PM	62954		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.024	mg/Kg	1	10/4/2021 1:18:27 PM	62954		
Toluene	ND	0.048	mg/Kg	1	10/4/2021 1:18:27 PM	62954		
Ethylbenzene	ND	0.048	mg/Kg	1	10/4/2021 1:18:27 PM	62954		
Xylenes, Total	ND	0.097	mg/Kg	1	10/4/2021 1:18:27 PM	62954		
Surr: 4-Bromofluorobenzene	88.5	70-130	%Rec	1	10/4/2021 1:18:27 PM	62954		

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
- % 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

Page 21 of 31

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109B81

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP8-20							
Project: Hornbaker BA 2	Collection Date: 9/20/2021 3:05:00 PM							
Lab ID: 2109B81-028	Matrix: SOIL		Received Dat	e: 9/2	22/2021 7:10:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	490	60	mg/Kg	20	9/28/2021 11:18:35 AM	62867		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	9/24/2021 2:01:32 PM	62799		
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/24/2021 2:01:32 PM	62799		
Surr: DNOP	98.5	70-130	%Rec	1	9/24/2021 2:01:32 PM	62799		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/24/2021 7:40:02 PM	62767		
Surr: BFB	102	70-130	%Rec	1	9/24/2021 7:40:02 PM	62767		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.025	mg/Kg	1	9/24/2021 7:40:02 PM	62767		
Toluene	ND	0.049	mg/Kg	1	9/24/2021 7:40:02 PM	62767		
Ethylbenzene	ND	0.049	mg/Kg	1	9/24/2021 7:40:02 PM	62767		
Xylenes, Total	ND	0.098	mg/Kg	1	9/24/2021 7:40:02 PM	62767		
Surr: 4-Bromofluorobenzene	90.9	70-130	%Rec	1	9/24/2021 7:40:02 PM	62767		

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
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- 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

Page 22 of 31

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

2109B81

WO#:

Hall Environmen	ital Analysis Laborate	ory, Inc.	14-Oct-2
	Midland aker BA 2		
Sample ID: MB-62839	SampType: MBLK	TestCode: EPA Method 300.0: Anions	
Client ID: PBS	Batch ID: 62839	RunNo: 81597	
Prep Date: 9/27/2021	Analysis Date: 9/27/2021	SeqNo: 2883462 Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPD	Limit Qual
Chloride	ND 1.5		
Sample ID: LCS-62839	SampType: LCS	TestCode: EPA Method 300.0: Anions	
Client ID: LCSS	Batch ID: 62839	RunNo: 81597	
Prep Date: 9/27/2021	Analysis Date: 9/27/2021	SeqNo: 2883463 Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPD	Limit Qual
Chloride	14 1.5 15.00	0 96.5 90 110	
Sample ID: MB-62867	SampType: MBLK	TestCode: EPA Method 300.0: Anions	
Client ID: PBS	Batch ID: 62867	RunNo: 81605	
Prep Date: 9/28/2021	Analysis Date: 9/28/2021	SeqNo: 2885988 Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPD	Limit Qual
Chloride	ND 1.5		
Sample ID: I CS 62967	SamaTuno: I CS	TostCodo: EBA Method 200 0: Aniona	

	0T			T			000 0 4	-		
Chloride	15	1.5	15.00	0	97.1	90	110			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Prep Date: 9/28/2021	Analysis Da	ate: 9/ 2	28/2021	S	SeqNo: 2	885989	Units: mg/K	(g		
Client ID: LCSS	Batch	ID: 628	867	F	RunNo: 8	1605				
Sample ID: LCS-62867	SampTy	/pe: LC	S	Tes	tCode: El	PA Method	300.0: Anion	S		

Sample ID: MB-62988	SampType	: mblk	Tes	tCode: EP/	A Method	300.0: Anion	S		
Client ID: PBS	Batch ID:	62988	F	RunNo: 817	780				
Prep Date: 10/2/2021	Analysis Date:	10/4/2021	S	SeqNo: 289	92413	Units: mg/K	g		
Analyte	Result P	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5							
Sample ID: LCS-62988	SampType	: Ics	Tes	tCode: EP/	A Method	300.0: Anion	s		
Sample ID: LCS-62988 Client ID: LCSS	SampType Batch ID:			tCode: EP/ RunNo: 817		300.0: Anion	S		
•		62988	F		780	300.0: Anion Units: mg/K	-		
Client ID: LCSS	Batch ID: Analysis Date:	: 62988 : 10/4/2021	F	RunNo: 817 SeqNo: 289	780		-	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

Released to Imaging: 2/9/2022 1:39:12 PM

QC SUMMARY REPORT **Hall Envir**

Hall Environment	tal Analysis Laborate	ory, Inc.		14-Oct-21
Client: GHD M Project: Hornbal	lidland ker BA 2			
Sample ID: LCS-62781	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics	
Client ID: LCSS	Batch ID: 62781	RunNo: 81579		
Prep Date: 9/23/2021	Analysis Date: 9/25/2021	SeqNo: 2883289	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit	Qual
Diesel Range Organics (DRO)	49 10 50.00	0 97.5 68.9		
Surr: DNOP	4.9 5.000	98.3 70	130	
Sample ID: LCS-62799	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics	
Client ID: LCSS	Batch ID: 62799	RunNo: 81579		
Prep Date: 9/23/2021	Analysis Date: 9/24/2021	SeqNo: 2883290	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit	Qual
Diesel Range Organics (DRO)	48 10 50.00	0 95.0 68.9		
Surr: DNOP	4.6 5.000	91.3 70	130	
Sample ID: MB-62781	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics	
Client ID: PBS	Batch ID: 62781	RunNo: 81579		
Prep Date: 9/23/2021	Analysis Date: 9/25/2021	SeqNo: 2883292	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	10 10.00	103 70	130	
Sample ID: MB-62799	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics	
Client ID: PBS	Batch ID: 62799	RunNo: 81579		
Prep Date: 9/23/2021	Analysis Date: 9/24/2021	SeqNo: 2883293	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit	Qual

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	10		10.00		100	70	130			
Sample ID: 2109B81-018AMS	SampT	ype: MS	3	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: TP6-2	Batch	n ID: 62	799	F	RunNo: 8 1	1594				
Prep Date: 9/23/2021	Analysis D	ate: 9/	27/2021	5	SeqNo: 28	883969	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Analyte Diesel Range Organics (DRO)	Result 43	PQL 9.6	SPK value 47.80	SPK Ref Val	%REC 90.7	LowLimit 39.3	HighLimit 155	%RPD	RPDLimit	Qual

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded н
- 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
- Analyte detected below quantitation limits J
- Sample pH Not In Range Р
- RL Reporting Limit

2109B81

WO#:

OC SUMMARY REPORT F

QC SUMMART REFORT	WO#:	2109B81
Hall Environmental Analysis Laboratory, Inc.		14-Oct-21

	Midland baker BA 2									
Sample ID: 2109B81-018	AMSD SampT	уре: МS	SD.	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: TP6-2	Batch	ID: 62	799	F	RunNo: 8	1594				
Prep Date: 9/23/2021	Analysis D	ate: 9/	27/2021	S	SeqNo: 2	883970	Units: mg/h	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	8.9	44.60	0	95.8	39.3	155	1.45	23.4	
Surr: DNOP	4.2		4.460		94.5	70	130	0	0	
Sample ID: MB-62957	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch	ID: 62	957	F	RunNo: 8	1750				
Prep Date: 9/30/2021	Analysis D	ate: 10)/1/2021	S	SeqNo: 2	890617	Units: mg/k	٢g		
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	,	50								
Surr: DNOP	9.8		10.00		98.0	70	130			
Sample ID: LCS-62957	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch	ID: 629	957	F	RunNo: 8	1750				
Prep Date: 9/30/2021	Analysis D	ate: 10)/1/2021	S	SeqNo: 2	890618	Units: mg/h	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	97.7	68.9	135			
Surr: DNOP	4.9		5.000		98.9	70	130			
Sample ID: 2109B81-002	AMS SampT	уре: МS	6	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: TP1-6	Batch	ID: 629	957	F	RunNo: 8	1750				
Prep Date: 9/30/2021	Analysis D	ate: 10)/1/2021	S	SeqNo: 2	890626	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	38	9.7	48.50	0	77.7	39.3	155			
Surr: DNOP	3.4		4.850		69.7	70	130			S
Sample ID: 2109B81-002	AMSD SampT	уре: МS	SD	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: TP1-6	Batch	ID: 629	957	F	RunNo: 8	1750		C	-	
Prep Date: 9/30/2021	Analysis D	ate: 10)/1/2021	S	SeqNo: 2	890640	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
							ů.			
Diesel Range Organics (DRO)	41	9.6	47.76	0	85.1	39.3	155	7.51	23.4	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- 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 Analyte detected below quantitation limits J
- Sample pH Not In Range Р
- RL Reporting Limit

Client:	GH	D Midland								
Project:	Hor	nbaker BA 2								
Sample ID:	MB-63053	SampType:	MBLK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	e Organics	
Client ID:	PBS	Batch ID:	63053	R	RunNo: 81	862				
Prep Date:	10/5/2021	Analysis Date:	10/9/2021	S	SeqNo: 29	00885	Units: %Rec			
Analyte		Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		9.6	10.00		95.9	70	130			
Sample ID:	LCS-63053	SampType:	LCS	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	e Organics	
Client ID:	LCSS	Batch ID:	63053	R	RunNo: 81	862				
Prep Date:	10/5/2021	Analysis Date:	10/9/2021	S	SeqNo: 29	00886	Units: %Rec			
Analyte		Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		5.5	5.000		111	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

Page 26 of 31

2109B81

14-Oct-21

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

	WO#:	2109B81
ental Analysis Laboratory, Inc.		14-Oct-21

Client: GHD Mid									
Project: Hornbake	er BA 2								
Sample ID: mb-62766	SampType: MB	LK	Test	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch ID: 627	66	R	tunNo: 8 1	1527				
Prep Date: 9/22/2021	Analysis Date: 9/2	23/2021	S	eqNo: 28	880290	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 1000	1000		102	70	130			
Sample ID: Ics-62766	SampType: LC	S	Test	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch ID: 627	66	R	tunNo: 8 1	1527				
Prep Date: 9/22/2021	Analysis Date: 9/2	23/2021	S	eqNo: 28	880291	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30 5.0	25.00	0	118	78.6	131			
Surr: BFB	1100	1000		115	70	130			
Sample ID: mb-62767	SampType: MB	LK	Test	Code: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch ID: 627	67	R	unNo: 81	1560				
Prep Date: 9/22/2021	Analysis Date: 9/2	24/2021	S	eqNo: 28	882088	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND 5.0								
Surr: BFB	1000	1000		105	70	130			
Sample ID: Ics-62767	SampType: LC	S	Test	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch ID: 627	67	R	tunNo: 8 1	1560				
Prep Date: 9/22/2021	Analysis Date: 9/2	24/2021	S	eqNo: 28	882089	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28 5.0	25.00	0	113	78.6	131			
Surr: BFB	1200	1000		115	70	130			
Sample ID: 2109b81-016ams	SampType: MS		Test	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: TP5-6	Batch ID: 627	67	R	tunNo: 8 1	1560				
Prep Date: 9/22/2021	Analysis Date: 9/2	24/2021	S	eqNo: 28	882091	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26 4.8	24.06	0	110	61.3	114			
Surr: BFB	1100	962.5		110	70	130			
Sample ID: 2109b81-016amsd	SampType: MS	D	Test	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: TP5-6	Batch ID: 627	67	R	unNo: 8 1	1560				
Prep Date: 9/22/2021	Analysis Date: 9/2	24/2021	S	eqNo: 28	882092	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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- 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 27 of 31

GHD Midland

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Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

cory, Inc.	14-Oct-21

Project:	Hornbake	er BA 2									
Sample ID:	2109b81-016amsd	SampTy	/pe: M\$	SD	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e	
Client ID:	TP5-6	Batch	ID: 62	767	F	RunNo: 8	1560				
Prep Date:	9/22/2021	Analysis Da	ate: 9/	24/2021	S	SeqNo: 2	882092	Units: mg/H	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	e Organics (GRO)	26	4.7	23.50	0	111	61.3	114	1.00	20	
Surr: BFB		1100		939.8		114	70	130	0	0	
Sample ID:	mb-62954	SampTy	/pe: ME	BLK	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e	
Client ID:	PBS	Batch	ID: 62	954	F	RunNo: 8	1769				
Prep Date:	9/30/2021	Analysis Da	ate: 10)/4/2021	5	SeqNo: 2	891593	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-	e Organics (GRO)	ND	5.0								
Surr: BFB		1000		1000		102	70	130			
Sample ID:	lcs-62954	SampTy	/pe: LC	S	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	е	
Client ID:	LCSS	Batch	ID: 62	954	F	RunNo: 8	1769				
Prep Date:	0/30/2021	A set of a D			_				_		
	5/50/2021	Analysis Da	ate: 10)/4/2021	5	SeqNo: 2	891594	Units: mg/k	(g		
Analyte		Result	PQL		SPK Ref Val	•		Units: mg/k HighLimit	(g %RPD	RPDLimit	Qual
Analyte Gasoline Rang	e Organics (GRO)	Result 27		SPK value 25.00		%REC 109	LowLimit 78.6	HighLimit 131	•	RPDLimit	Qual
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	•	RPDLimit	Qual
Analyte Gasoline Rango Surr: BFB		Result 27	PQL 5.0	SPK value 25.00 1000	SPK Ref Val 0	%REC 109 110	LowLimit 78.6 70	HighLimit 131	%RPD		Qual
Analyte Gasoline Rango Surr: BFB	e Organics (GRO) 2109b81-002ams	Result 27 1100 SampTy	PQL 5.0	SPK value 25.00 1000	SPK Ref Val 0 Tes	%REC 109 110	LowLimit 78.6 70 PA Method	HighLimit 131 130	%RPD		Qual
Analyte Gasoline Rang Surr: BFB Sample ID: Client ID:	e Organics (GRO) 2109b81-002ams	Result 27 1100 SampTy	PQL 5.0 /pe: M\$ ID: 62	SPK value 25.00 1000 3 954	SPK Ref Val 0 Tes F	%REC 109 110 tCode: EI	LowLimit 78.6 70 PA Method 1769	HighLimit 131 130	%RPD		Qual
Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte	e Organics (GRO) 2109b81-002ams TP1-6 9/30/2021	Result 27 1100 SampTy Batch	PQL 5.0 /pe: M\$ ID: 62	SPK value 25.00 1000 \$ 954 0/4/2021	SPK Ref Val 0 Tes F	%REC 109 110 tCode: EI RunNo: 8	LowLimit 78.6 70 PA Method 1769	HighLimit 131 130 8015D: Gasc	%RPD		Qual
Analyte Gasoline Rangu Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rangu	e Organics (GRO) 2109b81-002ams TP1-6	Result 27 1100 SampTy Batch Analysis Da	PQL 5.0 /pe: MS ID: 62 ate: 1 (SPK value 25.00 1000 3 954 0/4/2021 SPK value 23.88	SPK Ref Val 0 Tes 5	%REC 109 110 tCode: El RunNo: 8 SeqNo: 2	LowLimit 78.6 70 PA Method 1769 891596	HighLimit 131 130 8015D: Gasc Units: mg/k	%RPD	e	
Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte	e Organics (GRO) 2109b81-002ams TP1-6 9/30/2021	Result 27 1100 SampTy Batch Analysis Da Result	PQL 5.0 /pe: MS ID: 62 ate: 10 PQL	SPK value 25.00 1000 5 954 0/4/2021 SPK value	SPK Ref Val 0 Tes F SPK Ref Val	%REC 109 110 tCode: El RunNo: 8 SeqNo: 2 %REC	LowLimit 78.6 70 PA Method 1769 891596 LowLimit	HighLimit 131 130 8015D: Gasc Units: mg/k HighLimit	%RPD	e	
Analyte Gasoline Rangu Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rangu Surr: BFB	e Organics (GRO) 2109b81-002ams TP1-6 9/30/2021	Result 27 1100 SampTy Batch Analysis Da Result 26 1100	PQL 5.0 /pe: MS ID: 62 ate: 10 PQL 4.8	SPK value 25.00 1000 3 954 0/4/2021 SPK value 23.88 955.1	SPK Ref Val 0 Tes F SPK Ref Val 0	%REC 109 110 tCode: EI RunNo: 8 SeqNo: 2 %REC 108 118	LowLimit 78.6 70 PA Method 1769 891596 LowLimit 61.3 70	HighLimit 131 130 8015D: Gasc Units: mg/k HighLimit 114	%RPD	e RPDLimit	
Analyte Gasoline Rangu Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rangu Surr: BFB	e Organics (GRO) 2109b81-002ams TP1-6 9/30/2021 e Organics (GRO) 2109b81-002amsd	Result 27 1100 SampTy Batch Analysis Da Result 26 1100	PQL 5.0 /pe: MS ID: 62 ate: 10 PQL 4.8	SPK value 25.00 1000 954 0/4/2021 SPK value 23.88 955.1	SPK Ref Val 0 Tes 5 SPK Ref Val 0 Tes	%REC 109 110 tCode: EI RunNo: 8 SeqNo: 2 %REC 108 118	LowLimit 78.6 70 PA Method 1769 891596 LowLimit 61.3 70 PA Method	HighLimit 131 130 8015D: Gasc Units: mg/k HighLimit 114 130	%RPD	e RPDLimit	
Analyte Gasoline Rangu Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rangu Surr: BFB Sample ID: Client ID:	e Organics (GRO) 2109b81-002ams TP1-6 9/30/2021 e Organics (GRO) 2109b81-002amsd	Result 27 1100 SampTy Batch Analysis Da Result 26 1100	PQL 5.0 ID: 62 ate: 10 PQL 4.8 ID: 62	SPK value 25.00 1000 954 0/4/2021 SPK value 23.88 955.1 SD 954	SPK Ref Val 0 Tes SPK Ref Val 0 Tes F	%REC 109 110 tCode: El RunNo: 8 SeqNo: 2 %REC 108 118 tCode: El	LowLimit 78.6 70 PA Method 1769 891596 LowLimit 61.3 70 PA Method 1769	HighLimit 131 130 8015D: Gasc Units: mg/k HighLimit 114 130	%RPD Dine Rang %RPD Dine Rang	e RPDLimit	
Analyte Gasoline Rangu Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rangu Surr: BFB Sample ID: Client ID:	e Organics (GRO) 2109b81-002ams TP1-6 9/30/2021 e Organics (GRO) 2109b81-002amsd TP1-6	Result 27 1100 SampTy Batch Analysis Da Result 26 1100 SampTy Batch	PQL 5.0 ID: 62 ate: 10 PQL 4.8 ID: 62	SPK value 25.00 1000 954 0/4/2021 SPK value 23.88 955.1 SD 954 0/4/2021	SPK Ref Val 0 Tes SPK Ref Val 0 Tes F	%REC 109 110 tCode: El RunNo: 8 SeqNo: 2 %REC 108 118 tCode: El RunNo: 8	LowLimit 78.6 70 PA Method 1769 891596 LowLimit 61.3 70 PA Method 1769	HighLimit 131 130 8015D: Gasc Units: mg/# HighLimit 114 130 8015D: Gasc	%RPD Dine Rang %RPD Dine Rang	e RPDLimit	
Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte	e Organics (GRO) 2109b81-002ams TP1-6 9/30/2021 e Organics (GRO) 2109b81-002amsd TP1-6	Result 27 1100 SampTy Batch Analysis Da Result 26 1100 SampTy Batch Analysis Da	PQL 5.0 /pe: MS ID: 62 ate: 10 PQL 4.8 /pe: MS ID: 62 ate: 10	SPK value 25.00 1000 954 0/4/2021 SPK value 23.88 955.1 SD 954 0/4/2021	SPK Ref Val 0 Tes 5 SPK Ref Val 0 Tes 5	%REC 109 110 tCode: El RunNo: 8'' SeqNo: 2'' %REC 108 118 118 tCode: El RunNo: 8'' SeqNo: 2'' 8'' SeqNo: 8'' SeqNo:	LowLimit 78.6 70 PA Method 1769 891596 LowLimit 61.3 70 PA Method 1769 891597	HighLimit 131 130 8015D: Gasc Units: mg/k HighLimit 114 130 8015D: Gasc Units: mg/k	%RPD oline Rang %RPD oline Rang	e RPDLimit e	Qual

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- PQL Practical Quanitative Limit
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- E Value above quantitation range
- J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 28 of 31

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2109B81

WO#:

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Page 55 of 93

	/lidland lker BA 2									
Sample ID: mb-62766	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batcl	h ID: 62	766	F	RunNo: 8	1527				
Prep Date: 9/22/2021	Analysis E	Date: 9/	23/2021	Ş	SeqNo: 2	880326	Units: mg/K	ζg		
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	0.90		1.000		89.5	70	130			
Sample ID: LCS-62766	SampT	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batc	h ID: 62	766	F	RunNo: 8	1527				
Prep Date: 9/22/2021	Analysis E	Date: 9/	23/2021	\$	SeqNo: 2	880327	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	94.6	80	120			
Toluene	0.96	0.050	1.000	0	96.2	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.7	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.4	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.3	70	130			
Sample ID: mb-62767	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batcl	h ID: 62	767	F	RunNo: 8	1560				
Prep Date: 9/22/2021	Analysis E	Date: 9/	24/2021	\$	SeqNo: 2	882133	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-Bromofluorobenzene	0.93		1.000		93.3	70	130			
Sample ID: LCS-62767	SampT	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batcl	h ID: 62	767	F	RunNo: 8	1560				
Prep Date: 9/22/2021	Analysis E	Date: 9/	24/2021	Ş	SeqNo: 2	882134	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.4	80	120			
Toluene	0.93	0.050	1.000	0	92.7	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	91.9	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.3	70	130			

Qualifiers:

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- 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

Client: Project:

Client ID:

Prep Date:

Analyte

Benzene

Toluene

Toluene

Toluene

Sample ID: 2109b81-018ams

TP6-2

9/22/2021

GHD Midland

Hornbaker BA 2

OC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Result

0.91

SampType: MS

Batch ID: 62767

Analysis Date: 9/24/2021

PQL

0.025

SPK value SPK Ref Val

0.9901

Qualifiers:

Toluene

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

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

Page 30 of 31

14-Oct-21

Qual

2109B81

WO#:

RPDLimit

0.94 0.050 0.9901 0 95.3 80 120 Ethylbenzene 0.96 0.050 0.9901 0 97.2 80 120 Xylenes, Total 2.8 0.099 2.970 0 95.6 80 120 Surr: 4-Bromofluorobenzene 0.90 0.9901 91.2 70 130 Sample ID: 2109b81-018amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles Client ID: TP6-2 Batch ID: 62767 RunNo: 81560 Units: mg/Kg Prep Date: 9/22/2021 Analysis Date: 9/24/2021 SeqNo: 2882138 PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result Benzene 0.86 0.025 0.9940 0 87.0 80 120 4.90 20 0.89 0.050 0.9940 0 89.4 80 120 5.92 20 Ethylbenzene 0.90 0.050 0.9940 0 90.2 80 120 7.11 20 0.099 0 88.9 80 6.83 20 Xylenes, Total 2.7 2.982 120 Surr: 4-Bromofluorobenzene 0.93 0.9940 93.7 70 0 130 0 Sample ID: mb-62954 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: Batch ID: 62954 PBS RunNo: 81769 Prep Date: 9/30/2021 Analysis Date: 10/4/2021 SeqNo: 2891656 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual ND 0.025 Benzene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0 10 Surr: 4-Bromofluorobenzene 0.85 1.000 84.8 70 130 Sample ID: LCS-62954 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 62954 RunNo: 81769 Prep Date: 9/30/2021 Analysis Date: 10/4/2021 SeqNo: 2891657 Units: mg/Kg PQL SPK value SPK Ref Val %REC HighLimit %RPD RPDLimit Analyte Result LowLimit Qual Benzene 0.97 0.025 1.000 0 97.1 80 120 0.98 0.050 1.000 0 98.2 80 120 Ethylbenzene 0.97 0.050 1.000 0 97.3 80 120 2.9 0.10 3.000 0 95.1 80 120 Xylenes, Total Surr: 4-Bromofluorobenzene 0.88 1.000 87.7 70 130

TestCode: EPA Method 8021B: Volatiles

LowLimit

80

Units: mg/Kg

120

%RPD

HighLimit

RunNo: 81560

%REC

91.7

0

SeqNo: 2882137

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

Hornbaker BA 2

nmental	l Analysis l	Laboratory	, Inc.	
				_
GHD Midl	land			

Sample ID: 2109b81-003ams	Samp ⁻	Гуре: МS	5	Test	tCode: El	PA Method	8021B: Volat	iles		
Client ID: TP1-10	Batc	h ID: 62	954	R	RunNo: 8	1769				
Prep Date: 9/30/2021	Analysis [Date: 10	/4/2021	S	SeqNo: 2	891660	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.023	0.9390	0	89.6	80	120			
Toluene	0.86	0.047	0.9390	0	91.1	80	120			
Ethylbenzene	0.85	0.047	0.9390	0	90.4	80	120			
Xylenes, Total	2.5	0.094	2.817	0	89.1	80	120			
Surr: 4-Bromofluorobenzene	0.81		0.9390		85.9	70	130			
Surr: 4-Bromofluorobenzene Sample ID: 2109b81-003amsc		Гуре: МS		Test		-	130 8021B: Volat	iles		
	I Samp	Гуре: М З h ID: 62	SD			PA Method		iles		
Sample ID: 2109b81-003amsc	I Samp	h ID: 62	SD	R	tCode: El	PA Method				
Sample ID: 2109b81-003amsc Client ID: TP1-10	Samp ⁻ Batc	h ID: 62	SD 954 9/4/2021	R	tCode: El	PA Method	8021B: Volat		RPDLimit	Qual
Sample ID: 2109b81-003amsc Client ID: TP1-10 Prep Date: 9/30/2021 Analyte	Samp [¬] Batc Analysis [h ID: 62 Date: 10	SD 954 9/4/2021	R	tCode: El RunNo: 8 SeqNo: 2	PA Method 1769 391661	8021B: Volat	g	RPDLimit 20	Qual
Sample ID: 2109b81-003amsc Client ID: TP1-10 Prep Date: 9/30/2021	I Samp Batc Analysis I Result	h ID: 62 Date: 10 PQL	5D 954 9/4/2021 SPK value	R S SPK Ref Val	tCode: El RunNo: 8 GeqNo: 2 %REC	PA Method 1769 391661 LowLimit	8021B: Volat Units: mg/K HighLimit	íg %RPD		Qual
Sample ID: 2109b81-003amsc Client ID: TP1-10 Prep Date: 9/30/2021 Analyte Benzene Toluene	Samp Batc Analysis I Result 0.83	h ID: 62 Date: 10 PQL 0.024	5D 954 9/4/2021 SPK value 0.9606	R SPK Ref Val 0	tCode: El RunNo: 8 SeqNo: 2 <u>%REC</u> 86.0	PA Method 1769 891661 LowLimit 80	8021B: Volat Units: mg/K HighLimit 120	Sg <u>%RPD</u> 1.74	20	Qual
Sample ID: 2109b81-003amsc Client ID: TP1-10 Prep Date: 9/30/2021 Analyte Benzene	Samp Batc Analysis I Result 0.83 0.84	h ID: 62 Date: 10 PQL 0.024 0.048	5D 954 9/4/2021 SPK value 0.9606 0.9606	R SPK Ref Val 0 0	tCode: El RunNo: 8 SeqNo: 2 %REC 86.0 87.4	PA Method 1769 891661 LowLimit 80 80	8021B: Volat Units: mg/K HighLimit 120 120	5g %RPD 1.74 1.90	20 20	Qual

Qualifiers:

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- 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 31 of 31

WO#: 2109B81 14-Oct-21

ANALYSIS	Hall Env AL TEL: 50.		01 Hawkins pue, NM 87 505-345-4	NE 109 Sa 107	Page 5
Client Name: GHD Midlar	nd Work Orde	er Number: 210	9B81		RcptNo: 1
Received By: Cheyenne	Cason 9/22/2021 7:	:10:00 AM		Chent S	
Completed By: Sean Livir	igston 9/22/2021 9:	:11:15 AM		5.	int
Reviewed By: CrC	9/22/21			0,	
Chain of Custody					
1. Is Chain of Custody compl	ete?	Yes	\checkmark	No 🗌	Not Present
2. How was the sample delive	ered?	Cou	rier		
Log In 3. Was an attempt made to c	ool the samples?	Yes	>	No 🗌	NA 🗔
4. Were all samples received	at a temperature of >0° C to 6.0)°C Yes	~	No 🗌	
5. Sample(s) in proper contain	ner(s)?	Yes		No 🗌	
6. Sufficient sample volume for	or indicated test(s)?	Yes	~	No 🗌	
7. Are samples (except VOA a	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 containe	rs received broken?	Yes		No 🗹	# of preserved
11. Does paperwork match bott (Note discrepancies on cha		Yes		No 🗌	bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly ident	and the second	Yes		No 🗌	Adjusted?
13. Is it clear what analyses we	re requested?	Yes	V	No 🗌	
 Were all holding times able (If no, notify customer for at 		Yes		No 🗌	Checked by: JR 9 22 2
Special Handling (if app	licable)			1	
15. Was client notified of all dis	and the second se	Yes		No 🗌	NA 🗹
Person Notified:		Date:			
By Whom:		Via: 🗌 eM	ail 🗌 Ph	one 🗌 Fax	In Person
Regarding: Client Instructions:					
16. Additional remarks:					
17. <u>Cooler Information</u> Cooler No Temp °C 1 1.1	Condition Seal Intact Sea Good	al No Seal D	ate S	igned By	

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Page 1 of 1

Client:	GHD												
				D, Standard	d 🗆 Rush	0.7			ALL	EN		INO	HALL ENVIRONMENTAL
				Project Name:		£		R	ANALYSIS L	T ST		ABO	ABORATOR
Mailing	Mailing Address:	.s		Hank	Ler R	A HO	1001	N	www.hallenvironmental.com	enviror	Imenta	Il.com	
324 W.	Main St	t. Suite 10	324 W. Main St. Suite 108, Artesia NM 88210	Project #:		5	101 101	Tol FOF 24F 2027	S NE -	Albuqi	anb.ar	Albuquerque, NM 87109	109
Phone #:	#	(505)377-4218	7-4218	102	107 8980			1 El. 202-242-28/5	C/AC-	Fax	505-3	505-345-4107	1
email or Fax#:	r Fax#:	Becky.H	Becky. Haskell@ghd.com	Project Manao	ader:				¢			est	
QA/QC	QA/QC Package:			Beckv Haskell	2		୦ଥା			os		(jns OO	2
Standard	dard		Level 4 (Full Validation)	Tom Larson			M/C			^{**} O		edA	du
Accreditation:	tation:	□ Az Cc	5	Sampler:	Zach Comino	0	סאמ	()		J ^{5'} E		() () Sov	55
	AC	□ Other		On Ice:	X Yes	D No	/ C	1.4(ON		Я ^р	132
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				Cooler Temp(including CF):	(including CF): [.	2-0.1=1.1)DS	otte	təM	1.1	/-ime	ltorn	ta
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	r	7 EX / 108: Pe	DB (Me	KHs by CRA 8	60 (AC	9S) 072	olal Col	12 %
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P	8	2 ccl	Come Sull:	Received by:	Via:	Date Time $q_1 \chi_1 \chi_2 \chi_2 \chi_2$	Remarks: Tom		email: @ghd.	Chase com; Z	Settle ach.Co	e@eogr omino@	irks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com
Date:	Time:	Relinquished by:	ph: 1	Received by:	Via:	Date Time	Matthe	ew.Laugl	lin@gt 	hd.com: Alor listed above.	: Along	with B	Matthew.Laughlin@ghd.com: Along with Becky Haskell listed above.
				Come	Chic counter	9/242 0710		Di	ect Bill	to EOC	S Chas	Direct Bill to EOG Chase Settle	

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GHD	A Standard C Rush	S-S			ANAL		NV STS	I A R	HALL ENVIRONMENTAL ANALYSTS LABORATOD	-12
	Project Name:	Y						5		
Mailing Address:	Handaker RA	1 # 2	490	4901 Hawkins NF	www.	. 0		www.nallenvironmental.com	environmental.com Albucueratio NM 97400	
324 W. Main St. Suite 108, Artesia NM 88210	Project #:			1 505-3	505-345-3075	C		N 'anh	M 07 103	
Phone #: (505)377-4218	Mapa 2711				20-04	Ana	1000	Reduest	4107	
email or Fax#: Becky.Haskell@ghd.com	Project Manager:		1.000	-		*((1	0	
QA/QC Package:	Becky Haskell		_	S,{	S)S '		uəs	205	
Standard Level 4 (Full Validation)	Tom Larson		_	ьсе	WIS	₽O4		dAy	john (i	
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	Cooler Temp(including CF): [)	-0.1 = 1.1							153	
Date Time Matrix Sample Name	Container Preservative Type and # Type	HEAL No.	BTEX /	8084 Pe	vd sHA	SCRA 8	DV) 092	otal Co	AT RT	
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1110 TPS-6		910							1	
1120 TPS-18		さつ	1		-				A	
1240 TRC-2		016								
1250 TP6-6		019				-				
1700 TP6-8		SUN							8	
1310 127-5		021			-					-
1320 TP1-2		210		-						
1340 V TP8-2		520	1 1							
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Time: Relinquished by:	Received by: Via:		Mat	thew.La	ughlin	@ghd list	hd.com: Alor listed above	Along w	Matthew.Laughlin@ghd.com: Along with Becky Haskell listed above	
1920 7 hr	CMC COUNTY 912	(110 2222			Direct	Bill to	EOG	Direct Bill to EOG Chase Settle	Settle	Page

Chain-of-Cus	Chain-of-Custody Record	Turn-Around	Time:								2	2		
Client: GHD	6	A Standard	□ Rush	5.9				HALL		Z	IR	NNO	ENVIRONMENTAL	
		Project Name		0			4				Z	BO	ANALYSIS LABORATOR	>
Mailing Address:		Phanla	Lu R	1 #2		4901	4901 Hawkins NE	WWW.		vironn	www.hallenvironmental.com	com		
324 W. Main St. Suite 108, Artesia NM 88210	Artesia NM 88210	Project #:			T		Tel 505-345-3075	5-307		anhnc	idue,	For FOF 245 4407	BD	
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email or Fax#: Becky.Has	Becky.Haskell@ghd.com	Project Manager:	ger:		(((H	*(20				-
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	Level 4 (Full Validation)	Tom Larson) s,		2 - 7	lisc	ЪО		\ ∀ /∔	6	1	
Accreditation: Accreditation:	pliance	Sampler:	Zach Comino		amt			827(' ^z ON		1.1.1.1	71	11.4	
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Date Time Matrix S	Sample Name	Container Type and #	Preservative Type	HEAL No.	XEX	8:Hd) 803	sHA ARDS	31' E') 097	270 (5 otal C	3/20	0	
Officer 140 S	71-841			275		1.0	-	-	_	346	<u> </u>	2 5		
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	1/4	Received by:	Via:	Date Time	Å	Remarks: Please email: Chase	S: Plea	se em	ail: Cl		Settle	@eogre	Settle@eogresources.com;	
OP2/vp CE 00 Z. L C	wine Pld.	WW	0	2		Matthe	n.Lars	on@g	hd.co	m; Za	ch.Co	mino@	Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew Lauchlin@chd.com: Along with Booky Upochall	
5		Received by:	counter all	of / ての の の う い つ				Direct	liste	listed above. I to EOG Cha	ove. Chase	Direct Bill to EOG Chase Settle		Page
If necessary, samples submitt	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	ntracted to other acc	redited laboratories.	. This serves as notice of thi	s possibili	v. Anv s	th contra	tob bet-						7



October 14, 2021

Tom Larson GHD Midland 2135 S Loop 250 W Midland, TX 79703 TEL: (432) 686-0086 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

RE: Hornbaker BA 2

OrderNo.: 2109C66

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 22 sample(s) on 9/23/2021 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued September 30, 2021.

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. 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. All samples are reported as received unless otherwise indicated.

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

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sample I	D: TP	9-2	
Project: Hornbaker BA 2		(Collection Dat	e: 9/2	21/2021 7:35:00 AM	
Lab ID: 2109C66-001	Matrix: SOIL		Received Dat	e: 9/2	23/2021 7:30:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	2200	150	mg/Kg	50	9/29/2021 10:16:24 AN	62881
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	56	9.9	mg/Kg	1	9/28/2021 4:20:07 PM	62795
Motor Oil Range Organics (MRO)	270	49	mg/Kg	1	9/28/2021 4:20:07 PM	62795
Surr: DNOP	111	70-130	%Rec	1	9/28/2021 4:20:07 PM	62795
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/24/2021 9:59:00 AM	62793
Surr: BFB	90.6	70-130	%Rec	1	9/24/2021 9:59:00 AM	62793
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	9/24/2021 9:59:00 AM	62793
Toluene	ND	0.047	mg/Kg	1	9/24/2021 9:59:00 AM	62793
Ethylbenzene	ND	0.047	mg/Kg	1	9/24/2021 9:59:00 AM	62793
Xylenes, Total	ND	0.094	mg/Kg	1	9/24/2021 9:59:00 AM	62793
Surr: 4-Bromofluorobenzene	76.4	70-130	%Rec	1	9/24/2021 9:59:00 AM	62793

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
- % 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

Page 1 of 27

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sample II	D: TF	9-6	
Project: Hornbaker BA 2		(Collection Dat	e: 9/2	21/2021 7:45:00 AM	
Lab ID: 2109C66-002	Matrix: SOIL		Received Dat	e: 9/2	23/2021 7:30:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	ЈМТ
Chloride	1500	59	mg/Kg	20	10/4/2021 10:07:37 AM	62988
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	10/1/2021 9:34:53 PM	62957
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/1/2021 9:34:53 PM	62957
Surr: DNOP	71.9	70-130	%Rec	1	10/1/2021 9:34:53 PM	62957
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/4/2021 1:42:08 PM	62954
Surr: BFB	106	70-130	%Rec	1	10/4/2021 1:42:08 PM	62954
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.023	mg/Kg	1	10/4/2021 1:42:08 PM	62954
Toluene	ND	0.046	mg/Kg	1	10/4/2021 1:42:08 PM	62954
Ethylbenzene	ND	0.046	mg/Kg	1	10/4/2021 1:42:08 PM	62954
Xylenes, Total	ND	0.093	mg/Kg	1	10/4/2021 1:42:08 PM	62954
Surr: 4-Bromofluorobenzene	86.9	70-130	%Rec	1	10/4/2021 1:42:08 PM	62954

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 2 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sample II): TF	9-10	
Project: Hornbaker BA 2		(Collection Date	e:9/2	21/2021 8:00:00 AM	
Lab ID: 2109C66-003	Matrix: SOIL		Received Date	e:9/2	23/2021 7:30:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	1300	60	mg/Kg	20	10/4/2021 10:20:02 AM	62988
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/1/2021 9:58:31 PM	62957
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/1/2021 9:58:31 PM	62957
Surr: DNOP	83.8	70-130	%Rec	1	10/1/2021 9:58:31 PM	62957
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/4/2021 2:05:32 PM	62954
Surr: BFB	105	70-130	%Rec	1	10/4/2021 2:05:32 PM	62954
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	10/4/2021 2:05:32 PM	62954
Toluene	ND	0.049	mg/Kg	1	10/4/2021 2:05:32 PM	62954
Ethylbenzene	ND	0.049	mg/Kg	1	10/4/2021 2:05:32 PM	62954
Xylenes, Total	ND	0.099	mg/Kg	1	10/4/2021 2:05:32 PM	62954
Surr: 4-Bromofluorobenzene	87.1	70-130	%Rec	1	10/4/2021 2:05:32 PM	62954

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
- % 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

Page 3 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sample II): TF	9-14	
Project: Hornbaker BA 2		(Collection Dat	e:9/2	21/2021 8:20:00 AM	
Lab ID: 2109C66-004	Matrix: SOIL		Received Date	e:9/2	23/2021 7:30:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	950	60	mg/Kg	20	10/4/2021 10:32:26 AM	62988
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/1/2021 10:22:11 PM	62957
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/1/2021 10:22:11 PM	62957
Surr: DNOP	76.0	70-130	%Rec	1	10/1/2021 10:22:11 PM	62957
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/4/2021 2:29:01 PM	62954
Surr: BFB	107	70-130	%Rec	1	10/4/2021 2:29:01 PM	62954
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	10/4/2021 2:29:01 PM	62954
Toluene	ND	0.049	mg/Kg	1	10/4/2021 2:29:01 PM	62954
Ethylbenzene	ND	0.049	mg/Kg	1	10/4/2021 2:29:01 PM	62954
Xylenes, Total	ND	0.098	mg/Kg	1	10/4/2021 2:29:01 PM	62954
Surr: 4-Bromofluorobenzene	88.6	70-130	%Rec	1	10/4/2021 2:29:01 PM	62954

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
- % 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
- Page 4 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland		Cl	ient Sample II): TF	9-17	
Project: Hornbaker BA 2		(Collection Dat	e:9/2	21/2021 8:40:00 AM	
Lab ID: 2109C66-005	Matrix: SOIL		Received Dat	e:9/2	23/2021 7:30:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	550	60	mg/Kg	20	10/4/2021 10:44:52 AM	62988
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/1/2021 10:45:48 PM	62957
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/1/2021 10:45:48 PM	62957
Surr: DNOP	79.8	70-130	%Rec	1	10/1/2021 10:45:48 PM	62957
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/4/2021 4:03:05 PM	62954
Surr: BFB	103	70-130	%Rec	1	10/4/2021 4:03:05 PM	62954
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	10/4/2021 4:03:05 PM	62954
Toluene	ND	0.049	mg/Kg	1	10/4/2021 4:03:05 PM	62954
Ethylbenzene	ND	0.049	mg/Kg	1	10/4/2021 4:03:05 PM	62954
Xylenes, Total	ND	0.098	mg/Kg	1	10/4/2021 4:03:05 PM	62954
Surr: 4-Bromofluorobenzene	85.1	70-130	%Rec	1	10/4/2021 4:03:05 PM	62954

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
- % 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

Page 5 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP9-19						
Project: Hornbaker BA 2	Collection Date: 9/21/2021 9:00:00 AM						
Lab ID: 2109C66-006	Matrix: SOIL		Received Date	e:9/2	23/2021 7:30:00 AM		
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	JMT	
Chloride	300	59	mg/Kg	20	10/4/2021 10:57:17 AM	62988	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/1/2021 11:09:24 PM	62957	
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/1/2021 11:09:24 PM	62957	
Surr: DNOP	93.4	70-130	%Rec	1	10/1/2021 11:09:24 PM	62957	
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/4/2021 4:26:36 PM	62954	
Surr: BFB	104	70-130	%Rec	1	10/4/2021 4:26:36 PM	62954	
EPA METHOD 8021B: VOLATILES					Analyst	NSB	
Benzene	ND	0.024	mg/Kg	1	10/4/2021 4:26:36 PM	62954	
Toluene	ND	0.049	mg/Kg	1	10/4/2021 4:26:36 PM	62954	
Ethylbenzene	ND	0.049	mg/Kg	1	10/4/2021 4:26:36 PM	62954	
Xylenes, Total	ND	0.097	mg/Kg	1	10/4/2021 4:26:36 PM	62954	
Surr: 4-Bromofluorobenzene	86.6	70-130	%Rec	1	10/4/2021 4:26:36 PM	62954	

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
- % 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
- Page 6 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP10-2							
Project: Hornbaker BA 2	Collection Date: 9/21/2021 9:40:00 AM							
Lab ID: 2109C66-007	Matrix: SOIL	Received Date: 9/23/2021 7:30:00 AM						
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	1100	60	mg/Kg	20	9/29/2021 12:57:46 AM	62881		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/28/2021 6:26:34 PM	62795		
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/28/2021 6:26:34 PM	62795		
Surr: DNOP	91.3	70-130	%Rec	1	9/28/2021 6:26:34 PM	62795		
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	: mb		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/24/2021 11:56:00 AM	62793		
Surr: BFB	91.8	70-130	%Rec	1	9/24/2021 11:56:00 AM	62793		
EPA METHOD 8021B: VOLATILES					Analyst	: mb		
Benzene	ND	0.025	mg/Kg	1	9/24/2021 11:56:00 AM	62793		
Toluene	ND	0.049	mg/Kg	1	9/24/2021 11:56:00 AM	62793		
Ethylbenzene	ND	0.049	mg/Kg	1	9/24/2021 11:56:00 AM	62793		
Xylenes, Total	ND	0.099	mg/Kg	1	9/24/2021 11:56:00 AM	62793		
Surr: 4-Bromofluorobenzene	76.6	70-130	%Rec	1	9/24/2021 11:56:00 AM	62793		

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
- % 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

Page 7 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP10-6						
Project: Hornbaker BA 2	Collection Date: 9/21/2021 9:50:00 AM						
Lab ID: 2109C66-008	Matrix: SOIL		23/2021 7:30:00 AM				
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst:	ЈМТ	
Chloride	270	61	mg/Kg	20	10/4/2021 11:09:41 AM	62988	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	SB	
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/1/2021 11:33:00 PM	62957	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/1/2021 11:33:00 PM	62957	
Surr: DNOP	88.0	70-130	%Rec	1	10/1/2021 11:33:00 PM	62957	
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	NSB	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/4/2021 4:50:03 PM	62954	
Surr: BFB	103	70-130	%Rec	1	10/4/2021 4:50:03 PM	62954	
EPA METHOD 8021B: VOLATILES					Analyst	NSB	
Benzene	ND	0.025	mg/Kg	1	10/4/2021 4:50:03 PM	62954	
Toluene	ND	0.049	mg/Kg	1	10/4/2021 4:50:03 PM	62954	
Ethylbenzene	ND	0.049	mg/Kg	1	10/4/2021 4:50:03 PM	62954	
Xylenes, Total	ND	0.098	mg/Kg	1	10/4/2021 4:50:03 PM	62954	
Surr: 4-Bromofluorobenzene	86.0	70-130	%Rec	1	10/4/2021 4:50:03 PM	62954	

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
- % 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

Page 8 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP10-8							
Project: Hornbaker BA 2	Collection Date: 9/21/2021 10:00:00 AM							
Lab ID: 2109C66-009	Matrix: SOIL	Received Date: 9/23/2021 7:30:00 AM						
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: JMT		
Chloride	380	60	mg/Kg	20	10/4/2021 11:22:05 AM	62988		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/1/2021 11:56:37 PM	62957		
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/1/2021 11:56:37 PM	62957		
Surr: DNOP	97.4	70-130	%Rec	1	10/1/2021 11:56:37 PM	62957		
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/4/2021 5:13:48 PM	62954		
Surr: BFB	102	70-130	%Rec	1	10/4/2021 5:13:48 PM	62954		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.024	mg/Kg	1	10/4/2021 5:13:48 PM	62954		
Toluene	ND	0.047	mg/Kg	1	10/4/2021 5:13:48 PM	62954		
Ethylbenzene	ND	0.047	mg/Kg	1	10/4/2021 5:13:48 PM	62954		
Xylenes, Total	ND	0.095	mg/Kg	1	10/4/2021 5:13:48 PM	62954		
Surr: 4-Bromofluorobenzene	83.6	70-130	%Rec	1	10/4/2021 5:13:48 PM	62954		

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
- % 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

Page 9 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland Project: Hornbaker BA 2	Client Sample ID: TP10-10 Collection Date: 9/21/2021 10:10:00 AM Matrix: SOIL Received Date: 9/23/2021 7:30:00 AM					
Lab ID: 2109C66-010						
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	75	60	mg/Kg	20	10/4/2021 11:34:30 AM	62988
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/2/2021 12:20:14 AM	62957
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/2/2021 12:20:14 AM	62957
Surr: DNOP	73.1	70-130	%Rec	1	10/2/2021 12:20:14 AM	62957
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/4/2021 5:37:18 PM	62954
Surr: BFB	105	70-130	%Rec	1	10/4/2021 5:37:18 PM	62954
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.023	mg/Kg	1	10/4/2021 5:37:18 PM	62954
Toluene	ND	0.047	mg/Kg	1	10/4/2021 5:37:18 PM	62954
Ethylbenzene	ND	0.047	mg/Kg	1	10/4/2021 5:37:18 PM	62954
Xylenes, Total	ND	0.093	mg/Kg	1	10/4/2021 5:37:18 PM	62954
Surr: 4-Bromofluorobenzene	87.0	70-130	%Rec	1	10/4/2021 5:37:18 PM	62954

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
- % 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

Page 10 of 27
Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP11-S						
Project: Hornbaker BA 2		(Collection Dat	e:9/2	21/2021 10:20	0:00 AM	
Lab ID: 2109C66-011	Matrix: SOIL		Received Dat	e:9/2	23/2021 7:30:	00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analy	zed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	VP
Chloride	ND	60	mg/Kg	20	9/29/2021 1:	35:00 AM	62881
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst:	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	9/24/2021 12	2:28:04 PM	62795
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/24/2021 12	2:28:04 PM	62795
Surr: DNOP	81.0	70-130	%Rec	1	9/24/2021 12	2:28:04 PM	62795
EPA METHOD 8015D: GASOLINE RANGE	1					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/24/2021 12	2:16:00 PM	62793
Surr: BFB	86.4	70-130	%Rec	1	9/24/2021 12	2:16:00 PM	62793
EPA METHOD 8021B: VOLATILES						Analyst:	mb
Benzene	ND	0.025	mg/Kg	1	9/24/2021 12	2:16:00 PM	62793
Toluene	ND	0.049	mg/Kg	1	9/24/2021 12	2:16:00 PM	62793
Ethylbenzene	ND	0.049	mg/Kg	1	9/24/2021 12	2:16:00 PM	62793
Xylenes, Total	ND	0.099	mg/Kg	1	9/24/2021 12	2:16:00 PM	62793
Surr: 4-Bromofluorobenzene	75.7	70-130	%Rec	1	9/24/2021 12	2:16:00 PM	62793

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
- % 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

Page 11 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland Project: Hornbaker BA 2	Client Sample ID: TP11-2 Collection Date: 9/21/2021 10:30:00 AM					
Lab ID: 2109C66-012	Matrix: SOIL				23/2021 7:30:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	ND	60	mg/Kg	20	9/29/2021 1:47:24 AM	62881
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	9/24/2021 12:40:30 PM	62795
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/24/2021 12:40:30 PM	62795
Surr: DNOP	101	70-130	%Rec	1	9/24/2021 12:40:30 PM	62795
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst:	mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/24/2021 12:36:00 PM	62793
Surr: BFB	91.0	70-130	%Rec	1	9/24/2021 12:36:00 PM	62793
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.025	mg/Kg	1	9/24/2021 12:36:00 PM	62793
Toluene	ND	0.050	mg/Kg	1	9/24/2021 12:36:00 PM	62793
Ethylbenzene	ND	0.050	mg/Kg	1	9/24/2021 12:36:00 PM	62793
Xylenes, Total	ND	0.099	mg/Kg	1	9/24/2021 12:36:00 PM	62793
Surr: 4-Bromofluorobenzene	78.2	70-130	%Rec	1	9/24/2021 12:36:00 PM	62793

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
- % 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

Page 12 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP12-S						
Project: Hornbaker BA 2		C	ollection Date	e:9/2	21/2021 10:35:00 AM		
Lab ID: 2109C66-013	Matrix: SOIL]	Received Date	e:9/2	23/2021 7:30:00 AM		
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: VP	
Chloride	ND	60	mg/Kg	20	9/29/2021 1:59:49 AM	62881	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	9/24/2021 12:52:56 PM	62795	
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/24/2021 12:52:56 PM	62795	
Surr: DNOP	112	70-130	%Rec	1	9/24/2021 12:52:56 PM	62795	
EPA METHOD 8015D: GASOLINE RANGI	E				Analyst	mb	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/24/2021 12:55:00 PM	62793	
Surr: BFB	90.4	70-130	%Rec	1	9/24/2021 12:55:00 PM	62793	
EPA METHOD 8021B: VOLATILES					Analyst	: mb	
Benzene	ND	0.024	mg/Kg	1	9/24/2021 12:55:00 PM	62793	
Toluene	ND	0.048	mg/Kg	1	9/24/2021 12:55:00 PM	62793	
Ethylbenzene	ND	0.048	mg/Kg	1	9/24/2021 12:55:00 PM	62793	
Xylenes, Total	ND	0.096	mg/Kg	1	9/24/2021 12:55:00 PM	62793	
Surr: 4-Bromofluorobenzene	78.0	70-130	%Rec	1	9/24/2021 12:55:00 PM	62793	

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
- % 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

Page 13 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP12-2 Collection Date: 9/21/2021 10:40:00 AM					
Project: Hornbaker BA 2						
Lab ID: 2109C66-014	Matrix: SOIL		Received Date	e: 9/2	23/2021 7:30:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/29/2021 2:12:14 AM	62881
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	9/28/2021 6:02:46 PM	62795
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/28/2021 6:02:46 PM	62795
Surr: DNOP	81.0	70-130	%Rec	1	9/28/2021 6:02:46 PM	62795
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/24/2021 1:15:00 PM	62793
Surr: BFB	91.3	70-130	%Rec	1	9/24/2021 1:15:00 PM	62793
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	9/24/2021 1:15:00 PM	62793
Toluene	ND	0.048	mg/Kg	1	9/24/2021 1:15:00 PM	62793
Ethylbenzene	ND	0.048	mg/Kg	1	9/24/2021 1:15:00 PM	62793
Xylenes, Total	ND	0.097	mg/Kg	1	9/24/2021 1:15:00 PM	62793
Surr: 4-Bromofluorobenzene	79.2	70-130	%Rec	1	9/24/2021 1:15:00 PM	62793

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
- % 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

Page 14 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP13-2						
Project: Hornbaker BA 2		(Collection Dat	e: 9/2	21/2021 10:50:00 AM		
Lab ID: 2109C66-015	Matrix: SOIL		Received Dat	e: 9/2	23/2021 7:30:00 AM		
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	VP	
Chloride	200	60	mg/Kg	20	9/29/2021 2:24:39 AM	62881	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	9/24/2021 1:17:33 PM	62795	
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/24/2021 1:17:33 PM	62795	
Surr: DNOP	90.5	70-130	%Rec	1	9/24/2021 1:17:33 PM	62795	
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	mb	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/24/2021 2:14:00 PM	62793	
Surr: BFB	90.2	70-130	%Rec	1	9/24/2021 2:14:00 PM	62793	
EPA METHOD 8021B: VOLATILES					Analyst	mb	
Benzene	ND	0.024	mg/Kg	1	9/24/2021 2:14:00 PM	62793	
Toluene	ND	0.048	mg/Kg	1	9/24/2021 2:14:00 PM	62793	
Ethylbenzene	ND	0.048	mg/Kg	1	9/24/2021 2:14:00 PM	62793	
Xylenes, Total	ND	0.096	mg/Kg	1	9/24/2021 2:14:00 PM	62793	
Surr: 4-Bromofluorobenzene	75.7	70-130	%Rec	1	9/24/2021 2:14:00 PM	62793	

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
- % 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

Page 15 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP13-4					
Project: Hornbaker BA 2		(Collection Dat	e:9/2	21/2021 11:00:00 AM	
Lab ID: 2109C66-016	Matrix: SOIL		Received Dat	e:9/2	23/2021 7:30:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analysi	: VP
Chloride	240	60	mg/Kg	20	9/29/2021 2:37:04 AM	62881
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/24/2021 1:29:56 PM	62795
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/24/2021 1:29:56 PM	62795
Surr: DNOP	82.2	70-130	%Rec	1	9/24/2021 1:29:56 PM	62795
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/24/2021 2:34:00 PM	62793
Surr: BFB	85.5	70-130	%Rec	1	9/24/2021 2:34:00 PM	62793
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	9/24/2021 2:34:00 PM	62793
Toluene	ND	0.049	mg/Kg	1	9/24/2021 2:34:00 PM	62793
Ethylbenzene	ND	0.049	mg/Kg	1	9/24/2021 2:34:00 PM	62793
Xylenes, Total	ND	0.098	mg/Kg	1	9/24/2021 2:34:00 PM	62793
Surr: 4-Bromofluorobenzene	77.0	70-130	%Rec	1	9/24/2021 2:34:00 PM	62793

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
- % 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

Page 16 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP14-S						
Project: Hornbaker BA 2		(Collection Dat	e: 9/2	21/2021 11:05:00 AM		
Lab ID: 2109C66-017	Matrix: SOIL		Received Dat	e: 9/2	23/2021 7:30:00 AM		
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst:	VP	
Chloride	130	60	mg/Kg	20	9/29/2021 2:49:29 AM	62881	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	SB	
Diesel Range Organics (DRO)	11	9.6	mg/Kg	1	9/24/2021 1:42:19 PM	62795	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/24/2021 1:42:19 PM	62795	
Surr: DNOP	72.4	70-130	%Rec	1	9/24/2021 1:42:19 PM	62795	
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/24/2021 3:33:00 PM	62793	
Surr: BFB	89.7	70-130	%Rec	1	9/24/2021 3:33:00 PM	62793	
EPA METHOD 8021B: VOLATILES					Analyst:	mb	
Benzene	ND	0.025	mg/Kg	1	9/24/2021 3:33:00 PM	62793	
Toluene	ND	0.049	mg/Kg	1	9/24/2021 3:33:00 PM	62793	
Ethylbenzene	ND	0.049	mg/Kg	1	9/24/2021 3:33:00 PM	62793	
Xylenes, Total	ND	0.098	mg/Kg	1	9/24/2021 3:33:00 PM	62793	
Surr: 4-Bromofluorobenzene	77.2	70-130	%Rec	1	9/24/2021 3:33:00 PM	62793	

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
- % 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

Page 17 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP14-2							
Project: Hornbaker BA 2	Collection Date: 9/21/2021 11:10:00 AM							
Lab ID: 2109C66-018	Matrix: SOIL	Received Date: 9/23/2021 7:30:00 AM						
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	VP		
Chloride	83	59	mg/Kg	20	9/29/2021 3:01:54 AM	62881		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	9/24/2021 1:54:56 PM	62795		
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/24/2021 1:54:56 PM	62795		
Surr: DNOP	73.7	70-130	%Rec	1	9/24/2021 1:54:56 PM	62795		
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	mb		
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	9/24/2021 3:52:00 PM	62793		
Surr: BFB	92.6	70-130	%Rec	1	9/24/2021 3:52:00 PM	62793		
EPA METHOD 8021B: VOLATILES					Analyst	mb		
Benzene	ND	0.023	mg/Kg	1	9/24/2021 3:52:00 PM	62793		
Toluene	ND	0.046	mg/Kg	1	9/24/2021 3:52:00 PM	62793		
Ethylbenzene	ND	0.046	mg/Kg	1	9/24/2021 3:52:00 PM	62793		
Xylenes, Total	ND	0.093	mg/Kg	1	9/24/2021 3:52:00 PM	62793		
Surr: 4-Bromofluorobenzene	78.6	70-130	%Rec	1	9/24/2021 3:52:00 PM	62793		

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
- % 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

Page 18 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP15-S							
Project: Hornbaker BA 2	Collection Date: 9/21/2021 11:20:00 AM							
Lab ID: 2109C66-019	Matrix: SOIL	Received Date: 9/23/2021 7:30:00 AM						
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	ND	60	mg/Kg	20	9/29/2021 3:14:19 AM	62881		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	9/24/2021 2:07:19 PM	62795		
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/24/2021 2:07:19 PM	62795		
Surr: DNOP	81.4	70-130	%Rec	1	9/24/2021 2:07:19 PM	62795		
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: mb		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/24/2021 4:12:00 PM	62793		
Surr: BFB	91.6	70-130	%Rec	1	9/24/2021 4:12:00 PM	62793		
EPA METHOD 8021B: VOLATILES					Analyst	: mb		
Benzene	ND	0.025	mg/Kg	1	9/24/2021 4:12:00 PM	62793		
Toluene	ND	0.049	mg/Kg	1	9/24/2021 4:12:00 PM	62793		
Ethylbenzene	ND	0.049	mg/Kg	1	9/24/2021 4:12:00 PM	62793		
Xylenes, Total	ND	0.099	mg/Kg	1	9/24/2021 4:12:00 PM	62793		
Surr: 4-Bromofluorobenzene	77.9	70-130	%Rec	1	9/24/2021 4:12:00 PM	62793		

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
- % 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

Page 19 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP15-2						
Project: Hornbaker BA 2	Collection Date: 9/21/2021 11:25:00 AM						
Lab ID: 2109C66-020	Matrix: SOIL		Received Dat	e: 9/2	23/2021 7:30:00 AM		
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	: VP	
Chloride	99	60	mg/Kg	20	9/29/2021 3:26:44 AM	62881	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	: SB	
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	9/24/2021 2:19:55 PM	62795	
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/24/2021 2:19:55 PM	62795	
Surr: DNOP	91.2	70-130	%Rec	1	9/24/2021 2:19:55 PM	62795	
EPA METHOD 8015D: GASOLINE RANG	E				Analys	: mb	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/24/2021 4:32:00 PM	62793	
Surr: BFB	91.1	70-130	%Rec	1	9/24/2021 4:32:00 PM	62793	
EPA METHOD 8021B: VOLATILES					Analys	t: mb	
Benzene	ND	0.024	mg/Kg	1	9/24/2021 4:32:00 PM	62793	
Toluene	ND	0.049	mg/Kg	1	9/24/2021 4:32:00 PM	62793	
Ethylbenzene	ND	0.049	mg/Kg	1	9/24/2021 4:32:00 PM	62793	
Xylenes, Total	ND	0.098	mg/Kg	1	9/24/2021 4:32:00 PM	62793	
Surr: 4-Bromofluorobenzene	79.4	70-130	%Rec	1	9/24/2021 4:32:00 PM	62793	

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
- % 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

Page 20 of 27

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP16-S					
Project: Hornbaker BA 2		(Collection Dat	e: 9/2	21/2021 12:40:00 PM	
Lab ID: 2109C66-021	Matrix: SOIL		Received Dat	e: 9/2	23/2021 7:30:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	60	mg/Kg	20	9/29/2021 4:03:58 AM	62881
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	9/24/2021 2:32:22 PM	62795
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/24/2021 2:32:22 PM	62795
Surr: DNOP	78.2	70-130	%Rec	1	9/24/2021 2:32:22 PM	62795
EPA METHOD 8015D: GASOLINE RANGE	E				Analys	t: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/24/2021 4:52:00 PM	62793
Surr: BFB	93.2	70-130	%Rec	1	9/24/2021 4:52:00 PM	62793
EPA METHOD 8021B: VOLATILES					Analys	t: mb
Benzene	ND	0.024	mg/Kg	1	9/24/2021 4:52:00 PM	62793
Toluene	ND	0.048	mg/Kg	1	9/24/2021 4:52:00 PM	62793
Ethylbenzene	ND	0.048	mg/Kg	1	9/24/2021 4:52:00 PM	62793
Xylenes, Total	ND	0.097	mg/Kg	1	9/24/2021 4:52:00 PM	62793
Surr: 4-Bromofluorobenzene	78.9	70-130	%Rec	1	9/24/2021 4:52:00 PM	62793

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
- % 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

Page 21 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109C66

Date Reported: 10/14/2021

CLIENT: GHD Midland	Client Sample ID: TP16-2						
Project: Hornbaker BA 2		0	Collection Date	e:9/2	21/2021 12:50:00 PM		
Lab ID: 2109C66-022	Matrix: SOIL	Received Date: 9/23/2021 7:30:00 AM					
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analysi	: VP	
Chloride	ND	60	mg/Kg	20	9/29/2021 4:16:23 AM	62881	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB	
Diesel Range Organics (DRO)	66	9.9	mg/Kg	1	9/27/2021 8:33:44 PM	62795	
Motor Oil Range Organics (MRO)	170	50	mg/Kg	1	9/27/2021 8:33:44 PM	62795	
Surr: DNOP	87.7	70-130	%Rec	1	9/27/2021 8:33:44 PM	62795	
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: mb	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/24/2021 5:12:00 PM	62793	
Surr: BFB	92.1	70-130	%Rec	1	9/24/2021 5:12:00 PM	62793	
EPA METHOD 8021B: VOLATILES					Analyst	: mb	
Benzene	ND	0.023	mg/Kg	1	9/24/2021 5:12:00 PM	62793	
Toluene	ND	0.047	mg/Kg	1	9/24/2021 5:12:00 PM	62793	
Ethylbenzene	ND	0.047	mg/Kg	1	9/24/2021 5:12:00 PM	62793	
Xylenes, Total	ND	0.093	mg/Kg	1	9/24/2021 5:12:00 PM	62793	
Surr: 4-Bromofluorobenzene	77.8	70-130	%Rec	1	9/24/2021 5:12:00 PM	62793	

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
- % 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

Page 22 of 27

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	GHD M	lidland								
Project:	Hornbal	ker BA 2								
Sample ID:	MB-62881	SampType: MBL	.К	Tes	tCode: EF	PA Method	300.0: Anions	5		
Client ID:	PBS	Batch ID: 6288	81	F	RunNo: 8 1	1605				
Prep Date:	9/28/2021	Analysis Date: 9/2	9/2021	S	SeqNo: 28	886065	Units: mg/Kg	g		
Analyte Chloride		Result PQL Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID:	LCS-62881	SampType: LCS		Tes	tCode: EF	PA Method	300.0: Anions	5		
Client ID:	LCSS	Batch ID: 6288	81	F	RunNo: 8 1	1605				
Prep Date:	9/28/2021	Analysis Date: 9/2	9/2021	S	SeqNo: 28	886066	Units: mg/K	9		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	96.1	90	110			
Sample ID:	MB-62988	SampType: mbl	ĸ	Tes	tCode: EF	PA Method	300.0: Anions	5		
Client ID:	PBS	Batch ID: 6298	88	R	RunNo: 8 1	1780				
Prep Date:	10/2/2021	Analysis Date: 10/	4/2021	S	SeqNo: 28	892413	Units: mg/Kg	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5					-			
Sample ID:	LCS-62988	SampType: Ics		Tes	tCode: EF	PA Method	300.0: Anions	5		
Client ID:	LCSS	Batch ID: 6298	88	F	RunNo: 8 1	1780				
Prep Date:	10/2/2021	Analysis Date: 10/4	4/2021	S	SeqNo: 28	892414	Units: mg/K	9		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	96.4	90	110			

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 23 of 27

2109C66

14-Oct-21

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

-	HD Midland fornbaker BA 2									
Sample ID: MB-6279	5 Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Bato	ch ID: 62	795	F	RunNo: 8	1548				
Prep Date: 9/23/202	1 Analysis	Date: 9/	24/2021	S	SeqNo: 2	881822	Units: mg/ł	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DR	0) ND	10								
Motor Oil Range Organics (MRO) ND	50								
Surr: DNOP	11		10.00		107	70	130			
Sample ID: LCS-6279	5 Samp	Type: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Bato	ch ID: 62	795	F	RunNo: 8	1548				
Prep Date: 9/23/202	1 Analysis	Date: 9/	24/2021	S	SeqNo: 2	881823	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DR	0) 50	10	50.00	0	99.2	68.9	135			
Surr: DNOP	4.8		5.000		96.4	70	130			
Sample ID: MB-6295	Samp	Туре: МЕ	3LK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Bato	ch ID: 62	957	F	RunNo: 8	1750				
Prep Date: 9/30/202	1 Analysis	Date: 10	0/1/2021	S	SeqNo: 2	890617	Units: mg/ł	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DR	,	10								
Motor Oil Range Organics (MRO) ND	50								
Surr: DNOP	9.8		10.00		98.0	70	130			
Sample ID: LCS-6295	Samp	Type: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Bate	ch ID: 62	957	F	RunNo: 8 '	1750				
Prep Date: 9/30/202	1 Analysis	Date: 10	0/1/2021	S	SeqNo: 2	890618	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DR	0) 49	10	50.00	0	97.7	68.9	135			
Surr: DNOP	4.9		5.000		98.9	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

2109C66

14-Oct-21

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

Page	87	of 93	

KEFUKI	WO#:	2109C66	
al Analysis Laboratory, Inc.		14-Oct-21	

Client: GHD M	idland				
Project: Hornbal	ker BA 2				
Sample ID: Ics-62793	SampType: LCS	Test	Code: EPA Method	8015D: Gasoline Rang	e
Client ID: LCSS	Batch ID: 62793	R	unNo: 81547		
Prep Date: 9/23/2021	Analysis Date: 9/24/202	S	eqNo: 2881959	Units: mg/Kg	
Analyte	Result PQL SPK v	alue SPK Ref Val	%REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO)	27 5.0 2	5.00 0	110 78.6	131	
Surr: BFB	1000	000	101 70	130	
Sample ID: mb-62793	SampType: MBLK	Test	Code: EPA Method	8015D: Gasoline Rang	e
Client ID: PBS	Batch ID: 62793	R	unNo: 81547		
Prep Date: 9/23/2021	Analysis Date: 9/24/202	S	eqNo: 2881960	Units: mg/Kg	
Analyte	Result PQL SPK v	alue SPK Ref Val	%REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO)	ND 5.0				
Surr: BFB	960	000	95.6 70	130	
Sample ID: mb-62954	SampType: MBLK	Test	Code: EPA Method	8015D: Gasoline Rang	e
Client ID: PBS	Batch ID: 62954	R	unNo: 81769		
Prep Date: 9/30/2021	Analysis Date: 10/4/2027	S	eqNo: 2891593	Units: mg/Kg	
Analyte	Result PQL SPK v	alue SPK Ref Val	%REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO)	ND 5.0				
Surr: BFB	1000	000	102 70	130	
Sample ID: Ics-62954	SampType: LCS	Test	Code: EPA Method	8015D: Gasoline Rang	e
Client ID: LCSS	Batch ID: 62954	R	unNo: 81769		
Prep Date: 9/30/2021	Analysis Date: 10/4/2021	S	eqNo: 2891594	Units: mg/Kg	
Analyte	Result PQL SPK v	alue SPK Ref Val	%REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO)		5.00 0	109 78.6	131	
Surr: BFB	1100 ·	000	110 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

GHD Midland

= **Client:**

Qualifiers:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Project:										
Sample ID: Ics-62	Hornbaker BA 2	npType: LC	<u>```</u>	Tos	tCodo: EE	A Mothod	8021B: Volat	ilee		
								lies		
Client ID: LCSS		atch ID: 62		F	RunNo: 8 1	1547				
Prep Date: 9/23/	/2021 Analysi	s Date: 9	/24/2021	S	SeqNo: 28	381994	Units: mg/K	g		
Analyte	Resul	t PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.9	80	120			
Toluene	0.89	0.050	1.000	0	89.1	80	120			
Ethylbenzene	0.90	0.050	1.000	0	90.1	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.4	80	120			
Surr: 4-Bromofluorob	benzene 0.79		1.000		78.9	70	130			
Sample ID: mb-62	2793 San	прТуре: М І	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Ba	atch ID: 62	793	F	RunNo: 8 1	1547				
Prep Date: 9/23	/2021 Analysi	s Date: 9/	/24/2021	S	SeqNo: 28	881995	Units: mg/K	g		
Analyte	Resul	t PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	NE	0.025								
Toluene	NE	0.050								
Ethylbenzene	NE	0.050								
Xylenes, Total	NE	0.10								
Surr: 4-Bromofluorob	benzene 0.81		1.000		81.0	70	130			
Sample ID: 21090	C66-001ams Sam	рТуре: М	S	Tes		PA Method	8021B: Volat	iles		
	our our and									
Client ID: TP9-2		atch ID: 62			RunNo: 8 1					
Client ID: TP9-2 Prep Date: 9/23	2 Ba	atch ID: 62 s Date: 9/	793	F		1547	Units: mg/K			
-	2 Ba	s Date: 9/	793 /24/2021	F	RunNo: 8 1	1547	Units: mg/K HighLimit		RPDLimit	Qual
Prep Date: 9/23	2 Ba /2021 Analysi	s Date: 9 , t PQL	793 /24/2021	F	RunNo: 8 1 SeqNo: 2 8	1547 381999	•	g	RPDLimit	Qual
Prep Date: 9/23 , Analyte Benzene	2 Ba /2021 Analysi Resul	s Date: 9 , t PQL 6 0.025	793 /24/2021 SPK value	R S SPK Ref Val	2unNo: 81 SeqNo: 28 %REC	1 547 381999 LowLimit	HighLimit	g	RPDLimit	Qual
Prep Date: 9/23, Analyte Benzene Toluene	2 Ba /2021 Analysi Resul 0.98	s Date: 9 , t PQL 6 0.025 0 0.050	793 /24/2021 SPK value 0.9990	R S SPK Ref Val 0	RunNo: 81 SeqNo: 28 %REC 97.7	1547 881999 LowLimit 80	HighLimit 120	g	RPDLimit	Qual
Prep Date: 9/23 , Analyte Benzene Toluene Ethylbenzene	2 Ba /2021 Analysi <u>Resul</u> 0.98 1.0	s Date: 9, PQL 0.025 0.050 0.050	793 /24/2021 SPK value 0.9990 0.9990	R S SPK Ref Val 0 0	RunNo: 81 SeqNo: 28 %REC 97.7 102	1547 881999 LowLimit 80 80	HighLimit 120 120	g	RPDLimit	Qual
Prep Date: 9/23, Analyte Benzene Toluene Ethylbenzene	2 Ba /2021 Analysi Resul 0.98 1.0 1.1 3.2	s Date: 9, t PQL 0.025 0.050 0.050 2. 0.10	793 /24/2021 SPK value 0.9990 0.9990 0.9990	R S SPK Ref Val 0 0 0	RunNo: 81 SeqNo: 28 <u>%REC</u> 97.7 102 106	1547 381999 LowLimit 80 80 80	HighLimit 120 120 120	g	RPDLimit	Qual
Prep Date: 9/23, Analyte Benzene Toluene Ethylbenzene Xylenes, Total	2 Ba /2021 Analysi Resul 0.98 1.0 1.1 3.2 benzene 0.75	s Date: 9, t PQL 0.025 0.050 0.050 2. 0.10	793 /24/2021 SPK value 0.9990 0.9990 0.9990 2.997 0.9990	F S SPK Ref Val 0 0 0 0	RunNo: 81 SeqNo: 28 %REC 97.7 102 106 106 74.9	1547 381999 LowLimit 80 80 80 80 70	HighLimit 120 120 120 120	g %RPD	RPDLimit	Qual
Prep Date: 9/23, Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorot	2 Ba /2021 Analysi Resul 0.98 1.0 1.1 3.2 benzene 0.75 C66-001amsd San	s Date: 9, PQL 0.025 0.050 0.050 2 0.10	793 /24/2021 SPK value 0.9990 0.9990 0.9990 2.997 0.9990	F S SPK Ref Val 0 0 0 0 Tes	RunNo: 81 SeqNo: 28 %REC 97.7 102 106 106 74.9	2547 381999 LowLimit 80 80 80 80 80 80 70	HighLimit 120 120 120 120 120 130	g %RPD	RPDLimit	Qual
Prep Date: 9/23, Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorot Sample ID: 21090 Client ID: TP9-2	2 Ba /2021 Analysi Resul 0.98 1.0 1.1 3.2 benzene 0.75 C66-001amsd Sam 2 Ba	s Date: 9, PQL 0.025 0.050 0.050 0.050 0.010 9 0.10	793 /24/2021 SPK value 0.9990 0.9990 2.997 0.9990 SD 793	F SPK Ref Val 0 0 0 0 Tes F	RunNo: 81 SeqNo: 28 <u>%REC</u> 97.7 102 106 106 74.9 tCode: EF	1547 381999 LowLimit 80 80 80 80 70 24 Method 1547	HighLimit 120 120 120 120 120 130	g %RPD iles	RPDLimit	Qual
Prep Date: 9/23, Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorot Sample ID: 21090 Client ID: TP9-2	2 Ba /2021 Analysi Resul 0.98 1.0 1.1 3.2 benzene 0.75 C66-001amsd Sam 2 Ba	s Date: 9, PQL 0.025 0.050	793 /24/2021 SPK value 0.9990 0.9990 2.997 0.9990 SD 793 /24/2021	F SPK Ref Val 0 0 0 0 Tes F	RunNo: 81 SeqNo: 28 %REC 97.7 102 106 106 74.9 tCode: EF	1547 381999 LowLimit 80 80 80 80 70 24 Method 1547	HighLimit 120 120 120 120 120 130 8021B: Volat	g %RPD iles	RPDLimit	Qual
Prep Date: 9/23, Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorot Sample ID: 2109C Client ID: TP9-2 Prep Date: 9/23,	2 Ba /2021 Analysi Result 0.98 0.98 1.0 1.1 3.2 benzene 0.75 C66-001amsd Sam 2 Ba /2021 Analysi	s Date: 9, PQL 0.025 0.050 0.050 0.050 0.050 0.050 0.010 pType: M: atch ID: 62 s Date: 9, t PQL	793 /24/2021 SPK value 0.9990 0.9990 2.997 0.9990 SD 793 /24/2021	F SPK Ref Val 0 0 0 0 Tes F S	RunNo: 81 SeqNo: 28 %REC 97.7 102 106 106 74.9 tCode: EF RunNo: 81 SeqNo: 28	2547 381999 LowLimit 80 80 80 80 80 70 24 Method 1547 382000	HighLimit 120 120 120 120 130 8021B: Volat Units: mg/K	g %RPD iles		
Prep Date: 9/23, Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorot Sample ID: 21090 Client ID: TP9-2 Prep Date: 9/23, Analyte	2 Ba /2021 Analysi Resul 0.98 1.0 1.1 3.2 benzene 0.75 C66-001amsd Sam 2 Ba /2021 Analysi Resul	s Date: 9, t PQL 0.025 0.050 0.050 0.050 0.050 0.10 pType: M: atch ID: 62 s Date: 9, t PQL 0.024	793 /24/2021 SPK value 0.9990 0.9990 2.997 0.9990 SD 793 /24/2021 SPK value	F SPK Ref Val 0 0 0 0 Tes F SPK Ref Val	RunNo: 81 SeqNo: 28 %REC 97.7 102 106 106 74.9 tCode: EF RunNo: 81 SeqNo: 28 %REC	1547 381999 LowLimit 80 80 80 80 80 70 PA Method 1547 382000 LowLimit	HighLimit 120 120 120 120 130 8021B: Volat Units: mg/K HighLimit	g %RPD iles g %RPD	RPDLimit	
Prep Date: 9/23, Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorot Sample ID: 21090 Client ID: TP9-2 Prep Date: 9/23, Analyte Benzene Toluene	2 Ba /2021 Analysi Resul 0.98 1.0 1.1 3.2 benzene 0.75 C66-001amsd Sam 2 Ba /2021 Analysi Resul 0.96	s Date: 9, t PQL 0.025 0.050 0.050 0.050 0.050 0.050 c 0.10 s Date: 9, t PQL 0.024 0.049	793 /24/2021 SPK value 0.9990 0.9990 2.997 0.9990 SD 793 /24/2021 SPK value 0.9756	F SPK Ref Val 0 0 0 0 Tes: F SPK Ref Val 0	RunNo: 81 SeqNo: 28 %REC 97.7 102 106 70.6 74.9 tCode: EF RunNo: 81 SeqNo: 28 %REC 98.9	1547 381999 LowLimit 80 80 80 80 70 PA Method 1547 382000 LowLimit 80	HighLimit 120 120 120 120 130 8021B: Volat Units: mg/K HighLimit 120	9 %RPD illes 9 %RPD 1.15	RPDLimit 20	
Prep Date: 9/23, Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorot Sample ID: 21090 Client ID: TP9-2 Prep Date: 9/23, Analyte Benzene	2 Ba /2021 Analysi Resul 0.98 1.0 1.1 3.2 benzene 0.75 C66-001amsd Sam 2 Ba /2021 Analysi Resul 0.96 1.0	s Date: 9, t PQL 0.025 0.050 0.050 0.050 0.050 0.050 0.050 0.050 1.050 0.050 2.0.10 5.001 5.001 5.0024 0.024 0.024 0.024 0.024 0.024	793 /24/2021 SPK value 0.9990 0.9990 2.997 0.9990 SD 793 /24/2021 SPK value 0.9756 0.9756	F SPK Ref Val 0 0 0 0 Tes 5 SPK Ref Val 0 0	RunNo: 81 SeqNo: 28 <u>%REC</u> 97.7 102 106 106 74.9 RCOde: EF RunNo: 81 SeqNo: 28 %REC 98.9 104	1547 381999 LowLimit 80 80 80 80 70 24 Method 1547 382000 LowLimit 80 80 80 80 80 80 80 80 80 80	HighLimit 120 120 120 120 120 130 8021B: Volat Units: mg/K HighLimit 120 120 120	g %RPD illes 5g %RPD 1.15 0.412	RPDLimit 20 20	

WO#: 2109C66 14-Oct-21

Page 26 of 27

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	GHD Midland									
Project: H	Hornbaker BA 2									
Sample ID: mb-6295	4 Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batc	h ID: 62	954	R	RunNo: 8	1769				
Prep Date: 9/30/202	21 Analysis I	Date: 10	0/4/2021	S	SeqNo: 2	891656	Units: mg/k	ζg		
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-Bromofluorobenz	ene 0.85		1.000		84.8	70	130			
Sample ID: LCS-629	54 Samp	Type: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Bato	h ID: 62	954	F	RunNo: 8	1769				
Prep Date: 9/30/202	21 Analysis I	Date: 10	0/4/2021	S	SeqNo: 2	891657	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.1	80	120			
Toluene	0.98	0.050	1.000	0	98.2	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.3	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.1	80	120			
Surr: 4-Bromofluorobenz	ene 0.88		1.000		87.7	70	130			

- * 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 27 of 27

2109C66

14-Oct-21

WO#:

HALL ENVIRONMENTA ANALYSIS LABORATORY	L.	TE	ll Environmen L: 505-345-3 ebsite: client	490 Albuquero 975 FAX:	01 Hawi que, NM 505-34	kins NE 187109 15-4107	Sai	Page 9
Client Name: GHD Midlan	d	Work	Order Num	ber: 210	9C66			RcptNo: 1
Received By: Cheyenne	Cason	9/23/20	21 7:30:00	AM		Cher	ı	
Completed By: Sean Livin	gston	9/23/20	21 8:27:21	AM		5	1	and a
Reviewed By: Jng/	23/21					<u>_</u>	~~~	n doim
Chain of Custody								
1. Is Chain of Custody comple	ete?			Yes	~	No	b	Not Present
2. How was the sample delive	ered?			Cou	rier			
Log In								
3. Was an attempt made to co	ool the sample	es?		Yes	~	No	, 🗆	NA 🗌
4. Were all samples received a	at a temperat	ure of >0° C	to 6.0°C	Yes	~	No		
5. Sample(s) in proper contain	ner(s)?			Yes	~	No		
6. Sufficient sample volume fo	r indicated te	st(s)?		Yes	~	No		
7. Are samples (except VOA a	nd ONG) pro	perly preserve	ed?	Yes		No		
8. Was preservative added to I	bottles?			Yes		No		NA 🗌
9. Received at least 1 vial with	headspace <	:1/4" for AQ V	OA?	Yes		No		NA 🗹
10. Were any sample container	s received br	oken?		Yes		No		
11.5								# of preserved bottles checked
11. Does paperwork match bott (Note discrepancies on chai				Yes		No	Ц	for pH: (<2 or >12 unless noted)
12. Are matrices correctly identi		of Custody?		Yes	V	No		Adjusted?
13. Is it clear what analyses wer	re requested?			Yes		No		/
14. Were all holding times able (If no, notify customer for au				Yes	\checkmark	No		Checked by: TILL 9-23-2
Special Handling (if appl	licable)							×
15. Was client notified of all dis	crepancies w	ith this order?	,	Yes		No		NA 🗹
Person Notified:			Date:	-				
By Whom:			Via:	eM	ail 🗌	Phone	Fax	In Person
Regarding:								
Client Instructions:								
16. Additional remarks:								
17. Cooler Information								
Cooler No Temp °C 1 2.6	Condition Good	Seal Intact	Seal No	Seal D	ate	Signed	Ву	
	Good							

.

Page 1 of 1

-	Turn-Around Time:				-)		
Client: GHD	Constandard C	D Rush S-Du		ANAL		TEL	CTC ADODATOD	
		1			hollod		TOLO LADORALOK	
Mailing Address:	Host a level	~ RA #7	4901 H	4901 Hawkins NF	, 9	www.rtailenvironmental.com ns NF - Albudilerdile NM	anvironmental.com Albudnerdia NM 87109	
324 W. Main St. Suite 108, Artesia NM 88210	Project #:		Tel. 50	505-345-3975	10	Fax 505-3	505-345-4107	
Phone #: (505)377-4218	1122	11228980			Analy	Analysis Request	uest	
email or Fax#: Becky.Haskell@ghd.com	Project Manager:				*C		() DC	
QA/QC Package:	Becky Haskell		NRC	SV)S 't		0	_
Standard Level 4 (Full Validation)	Tom Larson		1/0	WIS('Od		davi () m	
on:	Sampler: Zach Comino	mino	אם י		' ² 0			
		ON []	0	or 8	_	(¥	J. The	
🗆 EDD (Type)	# of Coolers: 2	27-01=26	ЯÐ)	01		_) ш.	
	Cooler Temp(including CF).	3.8-0.1=2.4	IPD	83 /			lifor dest lest	
Date Time Matrix Sample Name	Container Preservative Type and # Type	tive HEAL No.	081 Pe	M) 80: (d 2HA)	8 KA 8	S) 022	Properties	
0735 S		100	Pa	Ы		_	28	
1 0745 , 779-6	-	200	-)	
-621		53					1	
H-641 0290		hap						
1-641 OBito		, ya					x	
C900 T79-19		200					2	
240 TPI0-2		200						
0950 TP10-6		Jec.					2	
1000 TPIO-8		600					λ	
iolo-10-10		ÓlO					R	
1020 , TPIL'S		DI						
1020	An	512	4 4				4	
Date: Time: Relinquished by:	Received by: Via:	Date Time	Remarks:	Remarks: Please email: Chase	mail: Ch		Settle@eogresources.com;	imo:
RA CCO	3	21	Tor	n.Larson@ w Laughlir	ghd.cor	n; Zach.(Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com: Along with Becky Haskell	
	Received by: Via:	Date Time		0	liste	listed above.		
maps 1900 laure	CINE COUNT	9/2319 0730		Direc	t Bill to F	Direct Bill to EOG Chase	ase Settle	

HALL ENVIRONMENTAL				4107	A A A A A A A A A A A A A A A A A A A	(Juee Social Soc		DRC	\ 0))8\s .∳0) 9 10 8 10 8 10 8 10 8 10 10	031 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10	TTM Da estici satic sati	S 270 (Se 270 (Se) (Se 270 (Se) (Se) (Se) (Se) (Se) (Se) (Se) (Se)	Б				410	\$10	5					ž	Matthew.Laughlin@ghd.com: Along with Becky Haskell listed above.	If necessary samples submitted to Hall Frughmental may be extended to the counce of 1 a 3/m 0/30 Direct Bill to EOG Chase Settle
Turn-Around Time: Description: Truch S-Q.	Project Name:	Hanbedree RM # 7	Project #:	m06% cc11	Project Manader	Becky Haskell	Tom Larson	Sampler: Zach Comino	On Ice: X Yes D No. a) w	12001.	Cooler Temp(Including CF): 3.0 -0.1 - 2	Container Preservative HEAL No. Type and # Type						0	20	076	120	42 Jun	Received by: Via: Date	unin apple	d by: Via: Date	One courry 9/23/2 0
Client: GHD		Mailing Address:	324 W. Main St. Suite 108, Artesia NM 88210	Phone #: (505)377-4218	email or Fax#: Becky.Haskell@ghd.com		Standard Level 4 (Full Validation)	on: 🗆 Az Compliance	Other			Date Time Matrix Sample Name	OP2121 1035 5 TP12.5	1 1040 1 TP12-2	toso TP13-2	1780 1713.4	1105 T-14-5	1110 TP14-2	INCO TPIS-S	2-JIGT 2211	1240 TISICIT	* 1250 4 TP16-2	Date: Time: Relinquished by: / R	20 Zael Cointy Dul	I I Ann C. L.	If necessary samples submitted to Hall Environmental may be submitted

Released to Imaging: 2/9/2022 1:39:12 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	77442
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jnobui	None	2/9/2022

Page 93 of 93

Action 77442