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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2115335335
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Dagmangilala	Douts: E O O				OCDID 70		
Responsible Party EOG Resources, Inc.		OGRID 7377					
Contact Name Chase Settle			Contact Telephone 575-748-1471				
Contact ema	^{il} Chase_	Settle@eogre	sources.com		Incident #	(assigned by OCD)	nAPP2115335335
Contact mail	ing address	104 S. 4th Str	eet, Artesia, l	NM 88	3210		
			Location			ource	
Latitude 32	.72104				Longitude :	-104.43326	
			(NAD 83 in de		grees to 5 decim		
Site Name H	ornbaker	BA Battery			Site Type Battery		
Date Release	Discovered	05/25/2021			API# (if app		
			T _				
Unit Letter	Section	Township	Range		Coun	ty	
G	25	18S	25E	Eddy	у		
Surface Owne		Federal Tr	Nature and	d Vol	lume of F		dumes provided below)
Crude Oi			ed (bbls) Unkno			Volume Recover	
Produced	Water	Volume Release				Volume Recover	red (bbls)
Is the concentration of dissolved chloride produced water >10,000 mg/l?		e in the	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 Rel	^{ease} Histor unkno	ical impacts dis wn.	scovered during	g the F	P&A of the	battery. Relea	se volume and date are

73	- 4		c 🙈	-0	-
Paga	٠,	01	, ,	8	×
1 426	-	\boldsymbol{v}	- 4	U	o
- 0					

Incident ID	nAPP2115335335
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	nsible party consider this a major release?	
☐ Yes ☑ No			
If YES, was immediate no	otice given to the OCD? By whom? To wh	nom? When and by what means (phone, email, etc)?	
	Initial D	ocnonco	
	Initial R	_	
The responsible	party must undertake the following actions immediated	y unless they could create a safety hazard that would result in injury	
☐ The source of the rele	ease has been stopped.		
☐ The impacted area ha	s been secured to protect human health and	the environment.	
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.	
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.	
If all the actions described	d above have <u>not</u> been undertaken, explain	why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: Chase	Settle	Title: Rep Safety & Environmental Sr	
Signature: Than	Pettle	Date: 6/2/2021	
email: Chase_Settle	@eogresources.com	Telephone: 575-748-1471	
OCD Only			
Received by:		Date:	

Page 3 of 288

Incident ID	nAPP2115335335
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no tales man 20 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release?	>107 (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?	X 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?	X Yes ☐ No	
Did the release impact areas not on an exploration, development, production, or storage site?	X 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.		

	2011 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Cha	racterization 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.
$ \overline{\boxtimes} $	Field data Data table of soil contaminant concentration data
\boxtimes	Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
\boxtimes	Boring or excavation logs Photographs including date and GIS information
	Topographic/Aerial maps Laboratory data including chain of custody

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

Received by OCD: 4/26/2022 2:11:08 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Page 4 of 288

Incident ID	nAPP2115335335
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	offications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Chase Settle	Title: Rep Safety & Environmental Sr
Signature: Chase Settle	Date: 03/15/2022
email: Chase_Settle@eogresources.com	Telephone: <u>575-748-1471</u>
OCD Only	
Received by:	Date:

	Page 5 of 28
Incident ID	nAPP2115335335
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.		
 Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 		
<u>Deferral Requests Only</u> : Each of the following items must be conf	irmed as part of any request for deferral of remediation.	
Contamination must be in areas immediately under or around prodeconstruction.	duction equipment where remediation could cause a major facility	
Extents of contamination must be fully delineated.		
Contamination does not cause an imminent risk to human health,	the environment, or groundwater.	
	41.61.11.1.14.44.000	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Printed Name: Chase Settle	Title: Rep Safety & Environmental Sr	
Signature: Chase Settle	Date: 03/15/2022	
email: Chase_Settle@eogresources.com	Telephone: <u>575-748-1471</u>	
OCD Only		
Received by:	Date:	
Approved	Approval Denied Deferral Approved	
Signature: Bradford Billings I	Date: 04/28/2022	

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



Our ref: 11228980

April 22, 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 Battery Release Site EOG Resources Inc.

Incident ID: nAPP2115335335

G-25-18S-25E, Eddy County, New Mexico

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 Battery Site (Site). Remedial activities are also proposed for NMOCD considerations. The Site is located in Unit Letter G Section 25 of Township 18 South and Range 25 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.72104 N latitude and 104.43326 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 Release Notification for this release was submitted to the NMOCD on June 2, 2021. The C-141 stated that no known volume or date could be assigned to this historical release. The potential release area was discovered during EOG well plugging and site abandonment activities associated with this location. Soils within the former tank battery containment appeared to be discolored and after discussions between field personnel and environmental staff, EOG made the decision to go ahead and file a C-141 for this suspect release location.

The release falls under the jurisdiction of the NMOCD District 2 Office in Artesia, New Mexico. The NMOCD assigned the release with Incident Number NAPP2115335335. The Release Notification, Site Assessment/Characterization, and Remediation Plan portions of Form C-141 are attached to the front of this report.

3. Groundwater and Site Characterization

GHD characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, (Table I) from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12). GHD, on behalf of EOG, proposes to divide the Site into two (2) separate areas ("Area A" and "Area B") due to a significant watercourse being located within three hundred (300) feet of the northern portion of the Site.

Area A:

According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i), Area A, approximately 2,548 square yards of the impacted surface area on the northern extent of the Site, is located within 300 feet of a significant watercourse and must be treated as if groundwater is less than fifty (50) feet below ground surface (bgs). Additionally, Area A is located within three hundred (300) feet of a wetland. No other receptors (Groundwater, water wells, playas, or ordinance boundaries) were located within each specific boundary or distance from the site. Figure 2- Site Assessment: Soil Analytical Results Map, depicts the boundary of Area A and Area B from the significant watercourse. The Site characterization documentation (Karst Potential, FEMA, Points of Diversion, Wetlands maps and significant watercourse) are provided in Attachment B. The soil and closure criteria are listed below and will be referred to as **Standard A** in this report.

General Site Characterization and Groundwater: Table 1

Site Characterization	Average Groundwater Depth (ft.)
300 Feet from a Significant Watercourse/Wetlands	Unknown, Treated as <50 ft.

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

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

Area B:

On December 14, 2021, White Drilling Company (White) installed a soil boring at GPS coordinates, 32.717480 N latitude and 104.430046 W longitude to approximately 107.50 feet below ground surface (bgs) which is located within half a mile of the Site. The well was left open for seventy-two (72) hours and a water level meter was utilized to determine the presence or absence of groundwater. No groundwater was detected, and the boring was plugged and abandoned. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i), Area B, approximately 1,229 square yards of the impacted surface area on the southern extent of the Site, is located within an area that meets closure criteria for depth to groundwater greater than one hundred (100) feet. No other receptors (Karst areas, significant watercourses, water wells, playas, wetlands or ordinance boundaries) were located within each specific boundary or distance from the site. The Site characterization documentation (Boring Logs, Karst Potential, FEMA, Points of Diversion, Wetlands maps and significant watercourse) are provided in Attachment A. The soil and closure criteria are listed below and will be referred to as **Standard B** in this report.

General Site Characterization and Groundwater: Table 1

Site Characterization	Average Groundwater Depth (ft.)
No Receptors Found	>100'

Table 3.2 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12 and 13)

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 June 10 through July 15, 2021, GHD Services Inc. (GHD) and EOG's contractor Culberson Construction Energy Services (CCI) installed thirty (30) test pits, TP1 through TP30, within the suspected impacted area's: Area A and Area B. Soil samples were collected at depths ranging from surface to twenty (20) feet bgs. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico.

Analytical results indicated eleven (11) of eighteen (18) test pits in Area A had samples exceeding applicable Table I (**Standard A**) closure criteria for a significant watercourse less than three hundred (300) feet:TP1, TP2, TP3, TP5, TP6, TP7, TP9, TP11, TP13, TP15, and TP17. Area B had twelve (12) test pits (TP-19 through TP-30) installed with none of the samples exceeding applicable Table I (**Standard B**) Closure Criteria for depth to groundwater greater than one hundred (100) feet. Analytical results are provided in Table 1, Table 2, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment C.

GHD and White returned to the Site on December 8, 2021 through January 7, 2022, to install four (4) soil borings strategically positioned around the areas of test pits not vertically delineated to delineate Total TPH and chloride impacts: SB-1 through SB-3 (Area A) and SB-4 (Area B). During boring installation samples were obtained every five (5) to ten (10) feet starting at five (5) feet bgs until field screening and observations indicated the boring was delineated. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by HEAL in Albuquerque, New Mexico.

In Area A, analytical results indicated three (3) soil borings (SB-1, SB-2 and SB-3) exhibited chloride concentrations above Table I (Standard A) closure criteria at depths ranging from five (5) to ninety (90) feet bgs. Soil boring SB-3 also exhibited TPH concentrations above Table I (Standard A) closure criteria at five (5) and ninety (90) feet bgs. Soil Boring SB-3 exhibited no TPH concentrations after the first ten (10) feet bgs and again at eight-five (85) and ninety (90) bgs. Due to low TPH concentrations and irregular results it was determined to be cross-contamination from the drill rig lubrication or debris falling into the bore hole from the interval of surface to ten (10) bgs. Area B, Soil Boring SB-4 analytical results indicated TPH, Benzene, Chloride and BTEX concentrations were below Table I (Standard B) closure criteria. Figure 2, Site Assessment: Soil Analytical Results Map, depicts the locations of the test pit and soil boring locations and analytical concentrations. Soil Boring Logs are provided in Attachment B. Analytical results are provided in Table 1, Table 2, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment C.

5. nAPP2125655405 Proposed Work Plan

Area A:

As per NMAC 19.15.29.14, GHD, on behalf of EOG, is requesting a variance for rule NMAC 19.15.29.12 for chloride impacts beyond six (6) feet below grade surface depth. Areas impacted by Benzene, BTEX and Total TPH beyond six (6) feet grade surface depth will be excavated until concentrations are below Table I (Standard A) closure criteria. Proposed excavation depths are listed as follows:

- TP-3 and SB-3 will be excavated to eight (8) feet bgs or until TPH concentrations are below Table I closure criteria. Confirmation bottomhole and sidewall samples will be collected by way of five (5) point composite samples from areas representing no greater than 200 square feet to ensure all TPH impacted soil above Table I closure criteria has been removed. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed. Once analytical results exhibit concentrations below Table I closure criteria the excavation will be backfilled with non-impact soil to six (6) feet below grade surface.
- TP-1 and TP-15 will be excavated to twenty (20) to twenty-four (24) feet bgs. If TPH concentrations are still above Table I closure criteria the area will be further excavated if conditions are safe to do so. Confirmation bottomhole and sidewall samples will be collected by way of five (5) point composite samples from areas representing no greater than 200 square feet to ensure all TPH impacted soil above Table I closure criteria has been removed. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed. Samples will be collected directly from Track-hoe bucket if excavation cannot safely be accessed.
- TP-2, TP-5, TP-6, TP-7, TP-9, TP-11, TP-13, TP-17, SB-1, and SB-2 will be excavated to six (6) feet below grade surface or until the soils in the surface to six (6) feet below grade surface exhibit benzene, BTEX, TPH and chloride concentrations below Table I (Standard A) closure criteria. Confirmation bottomhole and sidewall samples will be collected by way of five (5) point composite samples from areas representing no greater than two hundred (200) square feet to ensure that soil remaining above six (6) feet meet the requirements set forth by NMAC 19.15.29.12 and 13. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed.
- After all sidewall confirmation samples exhibit benzene, BTEX, TPH, and chloride concentrations below Table I (Standard A), the excavation will be extended out ten (10) feet in all directions and a twenty (20) millimeter synthetic liner will be installed in the bottom of the excavation. Figure 2: Site Assessment: Soil Analytical Results Map, depicts the extent of the liner.

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.

Area B:

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

 TP-19, TP-23, TP-26, TP-27, TP-28 and SB-4 will be excavated to four (4) feet bgs or until the soils in the surface to four (4) feet below grade surface exhibit TPH concentrations below 100

→ The Power of Commitment

mg/kg and chloride concentrations below 600 mg/kg. GHD, on behalf of EOG, proposes confirmation bottomhole and sidewall samples be collected by way of five (5) point composite samples from areas representing no greater than two hundred (200) square feet 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. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed.

• TP-22 will be excavated from four (4) to seven (7) feet below grade surface or until TPH concentration are below Table I (Standard B) closure criteria. Confirmation bottomhole and sidewall samples will be collected by way of five (5) point composite samples from areas representing no greater than 200 square feet to ensure all TPH impacted soil above Table I closure criteria has been removed. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed.

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. Area B will be backfilled with non-impacted material once analytical results indicate benzene, BTEX, TPH and chloride concentrations are below Table 1 (Standard B) closure criteria.

Area A and Area B:

The excavated areas will be backfilled with non-impacted soils imported to the Site. Excavated soils will be transported to an NMOCD approved disposal facility for disposal. The anticipated volume of soil to be disposed of is approximately 8,100 cubic yards. Due to the large size of the excavation, the remediation will be performed within 140 days after the work plan has been approved. If benzene, BTEX, or TPH concentrations are above Table I closure criteria in any area after maximum excavation depths have been reached, 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.

Sincerely,

GHD

Becky Haskell

Senior Project Manager

Zach H. Comino Field Geologist

BH/ZC/1

Encl. Figure 1 – Site Location Map

Rebecca Haskell

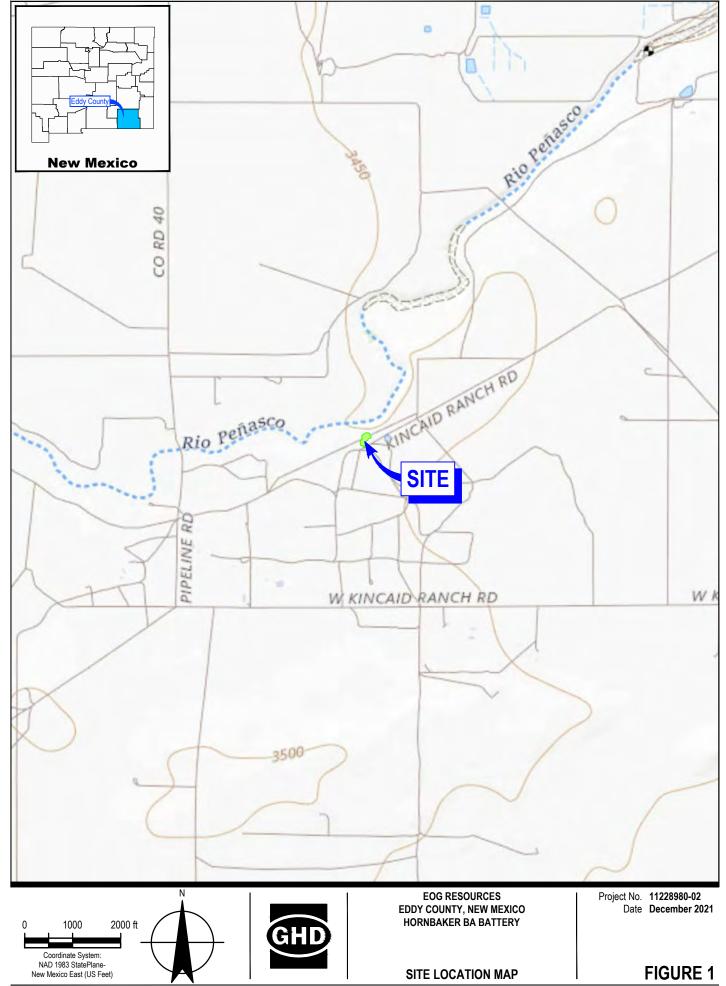
Figure 2 – Site Assessment: Soil Analytical Results Map Table 1 – Summary of Soil Analytical Data for Area A Table 2 – Summary of Soil Analytical Data for Area B Attachment A – Site Characterization Documentation

Attachment B - Soil Boring Logs

Attachment C – Laboratory Analytical Reports and Chain-of-Custody Documentation

cc: Chase Settle

Figures



			Area /		ТРН		
			Benzene	BTEX	Total	Chloride	
	Sample	Depth	(mell(a)	(nace)(Car)	GRO/DRO/MRO	(max/Ker)	
Sample ID	Date	(feet bgs)	(mg/Kg) Table I C	(mg/Kg) losure Criteria	(mg/Kg) for Soils <50 feet	(mg/Kg) Depth to	S
					r19.15.29 NMAC		
		Ini	10 mg/Kg tial Assessmer	50 mg/Kg	100 mg/Kg	600 mg/Kg	
TP1-6	6/10/21	6	5.2	78.2	17,000	2,600	
TP1-20	7/13/21	20	0.033	2.833	1,408	650	
TP2-2	6/10/21	2	<0.025	<0.098	<50	1,400	
TP2-5	6/10/21	5	<0.025	<0.10	97	570	l
TP2-6	6/15/21	6	<0.025	<0.10	14	2,200	-
TP2-12	7/13/21	12	<0.025	<0.10	<50	4,700	
TP2-16 TP2-20	7/13/21 7/13/21	16 20	<0.024 <0.025	<0.096 <0.098	<47 <48	6,000 8,600	
TP3-2	6/10/21	2	<0.12	<0.50	630	1,500	H
TP3-5	6/10/21	5	<0.12	<0.50	280	980	┢
TP3-6	6/15/21	6	<0.025	<0.098	130	750	
TP3-8	6/15/21	8	< 0.025	<0.097	15	750	L
TP3-10 TP3-14	7/12/21	10	<0.023 <0.024	<0.094 <0.095	<49 <48	610 590	H
							1
TP4-S TP4-2	6/10/21	Surface 2	<0.024 <0.025	<0.098	<47 <46	<60 130	H
CONTRACTOR OF THE PARTY OF THE	6/10/21		<0.024	<0.098	<4.9		l
TP5-2 TP5-5	6/10/21	5	<0.024	<0.098	<4.9	3,400 2,100	
TP5-8	6/11/21	8	<0.024	<0.095	<48	2,900	ŀ
TP5-10	6/11/21	10	<0.023	<0.094	<49	2,200	╟
TP5-12 TP5-16	7/13/21 7/13/21	12 16	<0.025 <0.025	<0.10	<49 <49	5,400 7,300	l
TP5-20	7/13/21	20	<0.025	<0.099	<50	9,200	
TP6-2	6/10/21	2	<0.025	<0.099	<49	7,200	L
TP6-5	6/10/21	5	<0.025	<0.098	<43	4,000	H
TP6-6	6/11/21	6	<0.024	<0.097	<45	4,900	
TP6-10	6/11/21	10	<0.024	<0.096	<49	920	
TP6-12 TP6-16	7/13/21 7/13/21	12 16	<0.025 <0.025	<0.099 <0.10	<48 <48	9,900	-
TP6-20	7/13/21	20	< 0.025	<0.099	<46	9,900	=
TP7-2	6/10/21	2	<0.025	<0.098	<47	1,100	L
TP7-5	6/10/21	5	<0.025	<0.1	<50	280	l
TP8-S	6/10/21	Surface	<0.12	<0.5	<47	<60	
TP8-2	6/10/21	2	<0.025	<0.099	<49	250	L
TP9-2	6/10/21	2	<0.024	<0.097	<47	3,900	H
TP9-5	6/10/21	5	<0.025	<0.099	<50	3,200	-
TP9-6	6/11/21	6	<0.025	<0.050	<50	710	
TP9-8 TP9-10	7/13/21 7/13/21	10	<0.023 <0.024	<0.094 <0.096	26 17	590 140	╟
							╟
TP10-S TP10-2	6/10/21	Surface 2	<0.12 <0.025	<0.50	<50 <48	<61 320	╟
	1000		<0.025		<48		E
TP11-1 TP11-3	6/10/21	3	<0.025	<0.098	<4.9	1,900	-
TP11-5	6/11/21	5	<0.024	<0.097	<50	610	⊩
TP11-8	7/13/21	8	<0.024	<0.098	<50	8,600	-
TP11-12	7/13/21	12	<0.024	<0.096	<49	9,500	
TP11-15 TP11-18	7/13/21 7/13/21	15 18	<0.025 <0.024	<0.10 <0.097	<49 <49	8,800 10,000	
TP11-20	7/13/21	20	<0.025	<0.099	<48	16,000	
TP12-S	6/10/21	Surface	<0.025	<0.099	<49	<60	
TP12-1	6/10/21	1	<0.025	<0.099	<49	90	
TP13-2	6/10/21	2	<0.024	<0.098	<48	4,600	
TP13-5	6/11/21	5	< 0.023	<0.091	<48	5,200	
TP13-7	7/13/21	7	<0.025	<0.099	<47	11,000	
TP13-14 TP13-20	7/13/21 7/13/21	20	<0.025 <0.024	<0.098 <0.098	<49 <47	8,500 13,000	
19071111							
TP14-S TP14-2	6/10/21	Surface 2	<0.025 <0.025	<0.099 <0.1	<48 <48	<60 310	
TP15-1 TP15-6	6/10/2021	6	<0.025 <0.024	<0.098 0.42	<48 1,334	2,400 3,300	
TP15-10	6/11/21	10	<0.025	0.614	1,183	2,200	
TP15-14	7/13/21	14	<0.025	<0.099	<48	4,200	
TP15-16	7/13/21	16	<0.025	0.371	569.7	6,000	
TP15-20	7/13/21	20	<0.025	<0.099	<50	6,100	
TP16-S	6/10/21	Surface	<0.025	<0.1	<47	<60 150	
TP16-2	6/10/21	2	<0.025	<0.1	<50	150	
TP17-2 TP17-4	6/10/2021 6/11/21	2	<0.024 <0.024	<0.097	<49 <50	2,700 1,600	
TP17-8	7/14/21	8	<0.024	<0.095	<49	2,500	
TP17-14	7/14/21	14	<0.023	< 0.093	<48	5,100	
TP17-20	7/14/21	20	<0.024	<0.095	<50	9,200	
TP18-S	6/10/21	Surface	< 0.025	<0.1	<48	<60	
TP 18-2	6/10/21	2	<0.024	<0.097	<50	66	1

							_													
		I	Area /	A	TOU					Area	A	TOU					Area	B	TOU	
			Benzene	BTEX	TPH Total	Chloride				Benzene	BTEX	TPH Total	Chloride				Benzene	BTEX	TPH Total	Chloride
	Sample	Depth	(man BC m)	(mage/Id/ m)	GRO/DRO/MRO			Sample	Depth	(ma milif m)	(man fl.f. m)	GRO/DRO/MRO			Commis	Dante	(man Beller)	(magelle ar)	GRO/DRO/MRO	(mage/16 m)
Sample ID	Date	(feet bgs)	(mg/Kg) Table I C		(mg/Kg) a for Soils <50 fee	(mg/Kg) t Depth to	Sample ID	Date	(feet bgs)	(mg/Kg) Table I C	(mg/Kg) Closure Criteria	(mg/Kg) for Soils <50 fee	(mg/Kg) Depth to	Sample ID	Sample Date	Depth (feet bgs)		(mg/Kg) losure Criteria	(mg/Kg) for Soils <50 feet	(mg/Kg) t Depth to
					r 19.15.29 NMAC							r 19.15.29 N MAC						Groundwate	r 19.15.29 NMAC	
			10 mg/Kg	50 mg/Kg	100 mg/Kg	600 mg/Kg				10 mg/Kg	50 mg/Kg	100 mg/Kg	600 mg/Kg				10 mg/Kg	50 mg/Kg	2,500 mg/Kg	20,000 mg/Kg
TD4 C	6/10/21	6	tial Assessmen		47.000	0.000	SB-1-5	12/8/2021	5	Soil Boring S	<0.097	12	5,000			Ini	tial Assessme	nt Samples	'	
TP1-6 TP1-20	7/13/21	20	5.2 0.033	78.2 2.833	17,000 1,408	2,600 650	SB-1-10	12/8/2021	10	<0.024	<0.098	<46	5,900 4,600	TP 19-2	6/10/21	2	<0.049	<0.098	<50	2,100
							SB-1-15	12/8/2021	15	<0.024	<0.096	<44	6,300	TP 19-5	6/10/21	5	<0.024	<0.097	<49	870
TP2-2 TP2-5	6/10/21	5	<0.025 <0.025	<0.098	<50 97	1,400 570	SB-1-20	12/8/2021	20	<0.024	<0.096	11	5,700	TP19-6 TP19-10	6/11/21 7/14/21	6 10	<0.024 <0.023	<0.097	<48 <49	720 210
TP2-6	6/15/21	6	<0.025	<0.10	14	2,200	SB-1-25	12/8/2021	25	<0.023	<0.093	<50	9,200	TP19-14	7/14/21	14	<0.024	<0.096	<47	180
TP2-12	7/13/21	12	<0.025	<0.10	<50	4,700	SB-1-30 SB-1-35	12/8/2021 12/8/2021	30 35	<0.025 <0.024	<0.099	<48 <47	5,400 5,100	TP20-S	6/10/21	Surface	<0.025	<0.098	<48	<59
TP2-16	7/13/21	16	<0.024	<0.096	<47	6,000	SB-1-40	12/8/2021	40	<0.024	<0.097	<49	6,800	TP20-2	6/10/21	2	<0.025	<0.098	<47	310
TP2-20	7/13/21	20	<0.025	<0.098	<48	8,600	SB-1-45	12/8/2021	45	<0.024	< 0.094	<46	7,900	TP21-S	6/15/2021	Surface	<0.025	<0.10	<45	<60
TP3-2	6/10/21	2	<0.12	<0.50	630	1,500	SB-1-50	12/8/2021	50	<0.023	<0.094	<46	6,500	TP21-2	6/15/2021	2	<0.025	<0.099	<43	<60
TP3-5	6/10/21	5	<0.12	<0.50	280	980	SB-1-60	12/8/2021	60	<0.023	<0.094	<45	9,100	TP22-S	6/15/2021	Surface	< 0.025	<0.098	<50	
TP3-6 TP3-8	6/15/21 6/15/21	6 8	<0.025 <0.025	<0.098	130 15	750 750	SB-1-70 SB-1-80	12/8/2021	70 80	<0.023	<0.093	<45 71	6,000	TP22-2	6/15/2021	2	<0.025	<0.090	195	<60 <60
TP3-10	7/12/21	10	<0.023	<0.094	<49	610	SB-1-90	12/8/2021	90	<0.023	<0.093	<46	2,400	TP22-4	7/14/2021	4	<0.12	<0.47	2,700	1,000
TP3-14	7/12/21	14	<0.024	< 0.095	<48	590	SB-1-95	12/8/2021	95	<0.025	<0.099	<49	540	TP22-7	7/14/2021	7	<0.023	<0.093	540	2,100
TP4-S	6/10/21	Surface	<0.024	<0.098	<47	<60	SB-1-100	12/8/2021	100	<0.025	<0.10	<42	97	TP22-14	7/14/2021	14	<0.023	<0.093	<46	1,500
TP4-2	6/10/21	2	<0.025	<0.098	<46	130	SB-2-5	12/8/2021	5	<0.023	<0.093	<50	9,500	TP22-20	7/14/2021	20	<0.024	<0.096	540	2,200
TP5-2	6/10/21	2	<0.024	<0.098	<4.9	3,400	SB-2-10	12/8/2021	10	<0.023	<0.093	<48	11,000	TP23-2	6/15/2021	2	<0.025	<0.10	<47	5,700
TP5-5	6/10/21	5	<0.025	< 0.099	<4.9	2,100	SB-2-15	12/8/2021	15	<0.024	<0.096	<48	7,000	TP23-6 TP23-9	6/15/2021 6/15/2021	6 9	<0.025 <0.023	<0.098	<44 <45	1,700 820
TP5-8	6/11/21	8	<0.024	<0.095	<48	2,900	SB-2-20 SB-2-25	12/8/2021 12/8/2021	20 25	<0.024	<0.094	<49 <49	7,000 8,500	TP23-10	6/15/2021	10	<0.023	<0.092	<48	710
TP5-10	6/11/21	10	<0.023	<0.094	<49	2,200	SB-2-30	12/8/2021	30	<0.023	<0.092	<44	5,100	TP23-12	7/14/2021	12	<0.025	<0.098	<48	260
TP5-12 TP5-16	7/13/21 7/13/21	12 16	<0.025 <0.025	<0.10	<49 <49	5,400 7,300	SB-2-35	12/8/2021	35	<0.023	< 0.092	<50	2,900	TP23-14	7/14/2021	14	<0.025	<0.099	<49	<60
TP5-20	7/13/21	20	<0.025	<0.099	<50	9,200	SB-2-40	12/8/2021	40	<0.024	<0.096	<48	4,900	TP24-S	6/15/2021	Surface	<0.024	<0.095	<50	74
TP6-2	6/10/21	2	<0.025	<0.099	<49	7,200	SB-2-45 SB-2-50	12/8/2021 12/8/2021	45 50	<0.024 <0.025	<0.094	<44 <46	3,600	TP24-2	6/15/2021	2	<0.025	<0.099	<48	<60
TP6-5	6/10/21	5	< 0.025	<0.098	<43	4,000	SB-2-55	12/8/2021	55	<0.023	<0.096	<49	3,000 5.100	TP25-S	6/15/2021	Surface	<0.025	<0.098	<51	<60
TP6-6	6/11/21	6	<0.024	<0.097	<45	4,900	SB-2-60	12/8/2021	60	<0.024	<0.095	<45	6,800	TP25-2	6/15/2021	2	<0.025	<0.099	<47	<60
TP6-10	6/11/21	10	<0.024	<0.096	<49	920	SB-2-70	12/8/2021	70	<0.024	<0.096	<49	2,400	TP26-2	6/15/2021	2	<0.025	<0.099	<45	1,500
TP6-12	7/13/21	12	<0.025	<0.099	<48	8,500	SB-2-80	12/8/2021	80	<0.023	<0.093	<49	530	TP26-6	6/15/2021	6	<0.025	<0.098	<46	710
TP6-16 TP6-20	7/13/21 7/13/21	16 20	<0.025 <0.025	<0.10	<48 <46	9,900	SB-2-85	12/8/2021	85	<0.024	<0.093	<46	<59	TP26-8	7/14/2021	8	<0.024	<0.096	<48	2,100
							SB-3-5	12/14/2021	5	<0.023	< 0.093	860	1,100	TP26-16 TP26-20	7/14/2021 7/14/2021	16 20	<0.024 <0.024	<0.095 <0.096	<48 <48	1,900
TP7-2 TP7-5	6/10/21	5	<0.025 <0.025	<0.098	<47 <50	1,100 280	SB-3-10 SB-3-15	12/14/2021	10 15	<0.024 <0.025	<0.095	9 <47	1,200							
							SB-3-20	12/14/2021	20	<0.025	<0.099	<47	3,200 6,100	TP27-S TP27-2	6/15/2021	Surface 2	<0.025 <0.024	<0.099	74.9 149	76 120
TP8-S TP8-2	6/10/21	Surface 2	<0.12 <0.025	<0.5 <0.099	<47 <49	<60 250	SB-3-25	12/14/2021	25	<0.025	<0.099	<47	5,500	TP27-4	7/14/2021	4	<0.024	<0.098	<50	1,100
							SB-3-30	12/14/2021	30	<0.025	<0.098	<49	5,900	TP27-11	7/14/2021	11	<0.024	<0.094	<47	700
TP9-2 TP9-5	6/10/21	5	<0.024 <0.025	<0.097 <0.099	<47 <50	3,900 3,200	SB-3-35	12/14/2021	35	<0.024	<0.097	<50	6,500	TP27-16	7/14/2021	16	<0.023	<0.092	<47	200
TP9-6	6/11/21	6	<0.025	<0.050	<50	710	SB-3-40 SB-3-45	12/14/2021	40 45	<0.025 <0.024	<0.099	<46 <39	7,100 6,900	TP28-8	7/14/2021	8	<0.025	<0.099	<49	2,400
TP9-8	7/13/21	8	< 0.023	<0.094	26	590	SB-3-50	12/14/2021	50	<0.025	<0.098	<48	5,400	TP28-12	7/14/2021	12	<0.024	<0.098	<48	2,100
TP9-10	7/13/21	10	<0.024	<0.096	17	140	SB-3-55	12/14/2021	55	<0.025	<0.099	<48	5,500	TP28-20	7/14/2021	20	<0.025	<0.099	<46	570
TP10-S	6/10/21	Surface	<0.12	<0.50	<50	<61	SB-3-60	12/14/2021	60	<0.024	<0.096	<49	5,000	TP29-S	7/15/2021	Surface	< 0.025	<0.10	<48	<60
TP10-2	6/10/21	2	<0.025	<0.099	<48	320	SB-3-70 SB-3-75	12/14/2021	70 75	<0.023 <0.024	<0.092 <0.097	<47 <46	2,300	TP29-2	7/15/2021	2	<0.025	<0.098	<49	<60
TP11-1	6/10/21	1	< 0.025	<0.098	<48	1,900	SB-3-75 SB-3-85	12/14/2021	85	<0.024	<0.097	9.5	5,100 1,300	TP29-5	7/15/2022	5	<0.025	<0.10	<48	<60
TP11-3	6/11/21	3	<0.025	<0.099	<4.9	1,400	SB-3-90	12/14/2021	90	<0.023	<0.092	158	<60	TP30-S	7/15/2021	Surface	<0.024	<0.097	<49	<60
TP11-5	6/11/21	5	<0.024	<0.097	<50	610	SB-3-95	1/7/2022	95	<0.025	<0.098	<46	<60	TP30-2 TP30-5	7/15/2021 7/15/2022	5	<0.025 <0.024	<0.10 <0.097	<49 <49	<60 <60
TP11-8 TP11-12	7/13/21 7/13/21	8 12	<0.024 <0.024	<0.098	<50 <49	8,600 9,500								00 0			Soil Boring Sa		.70	_ \00
TP11-15	7/13/21	15	<0.025	<0.10	<49	8,800								SB-4-5	12/8/2021	5	<0.11	<0.46	770	2,000
TP11-18	7/13/21	18	<0.024	<0.097	<49	10,000								SB-4-10	12/8/2021	10	<0.12	>0.46	163	2,900
TP11-20	7/13/21	20	<0.025	<0.099	<48	16,000								SB-4-15 SB-4-20	12/8/2021 12/8/2021	15 20	<0.12 <0.12	<0.48 >0.46	<49 87	2,900
TP12-S	6/10/21	Surface	<0.025	<0.099	<49	<60								SB-4-20 SB-4-25	12/8/2021	25	<0.12	<0.097	<50	2,600 2,100
TP 12-1	6/10/21	1	<0.025	<0.099	<49	90			LEGEN	1D				SB-4-30	12/8/2021	30	<0.025	<0.099	<48	880
TP13-2	6/10/21	2	<0.024	<0.098	<48	4,600								SB-4-35	12/8/2021	35	<0.025	<0.098	<49	340
TP13-5	6/11/21	5	<0.023	<0.091	<48	5,200	(4')	PROPOS	SED EXCA	VATED AR	EA		SB-4-40	12/8/2021	40	<0.024	< 0.095	<50	150
TP13-7	7/13/21 7/13/21	7	<0.025 <0.025	<0.099	<47 <49	11,000	(PROPOS	SED LINER	RAREA									
TP13-14 TP13-20	7/13/21	20	<0.025	<0.098	<49	8,500 13,000			SIGNIFIC	CANT WAT	ERCOURS	E BOUNDAR	Υ							
										T LOCATIO										
TP14-S TP14-2	6/10/21 6/10/21	Surface 2	<0.025 <0.025	<0.099 <0.1	<48 <48	<60 310		_		RING LOC										
TP15-1	6/10/2021	1	<0.025	<0.098	<48	2,400		DEPTH		OF SAMPI										

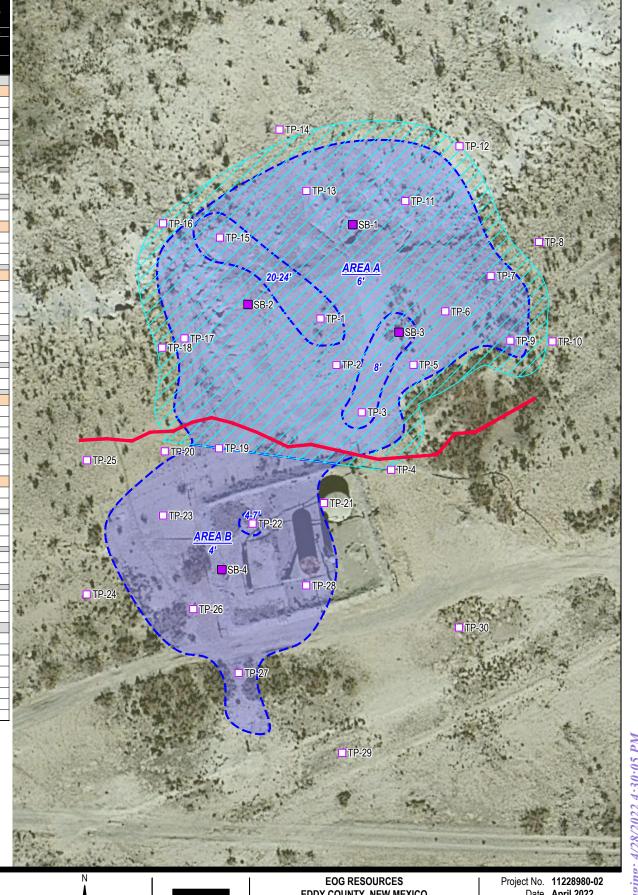
DEPTH DEPTH OF SAMPLE (FT)

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

TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)

NOTES:

- 1. RESULTS IN MILLIGRAMS PER KILOGRAM (MG/KG).
- 2. SEE TABLE 1 FOR FULL ANALYTICAL RESULTS/DETAILS.
- 3. YELLOW SHADED CELLS INDICATE EXCEEDANCE.



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

EDDY COUNTY, NEW MEXICO HORNBAKER BA BATTERY

SITE ASSESSMENT: SOIL ANALYTICAL RESULTS MAP Date April 2022

FIGURE 2

Tables

						Area A	\					
										TPH		
0 1 15	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		
			10 mg/Kg				50 mg/Kg				100 mg/Kg	600 mg/Kg
					Init	ial Assessmen	t Samples					
TP1-6	6/10/21	6	5.2	20	17	36	78.2	1,100	9,500	6,400	17,000	2,600
TP1-20	7/13/21	20	0.033	<0.050	1.2	1.6	2.833	58	760	590	1,408	650
TP2-2	6/10/21	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<50	<50	1,400
TP2-5	6/10/21	5	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	48	49	97	570
TP2-6	6/15/21	6	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	14	<45	14	2,200
TP2-12	7/13/21	12	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<50	4,700
TP2-16	7/13/21	16	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<47	<47	6,000
TP2-20	7/13/21	20	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<48	<48	8,600
TP3-2	6/10/21	2	<0.12	<0.25	<0.25	<0.50	<0.50	<25	200	430	630	1,500
TP3-5	6/10/21	5	<0.12	<0.25	<0.25	<0.50	<0.50	<25	100	180	280	980
TP3-6	6/15/21	6	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	38	92	130	750
TP3-8	6/15/21	8	<0.025	<0.048	<0.048	<0.097	<0.097	<4.8	15	<45	15	750
TP3-10	7/12/21	10	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.8	<49	<49	610
TP3-14	7/12/21	14	<0.024	<0.048	<0.048	<0.095	< 0.095	<4.8	<9.6	<48	<48	590
TP4-S	6/10/21	Surface	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<47	<47	<60
TP4-2	6/10/21	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.2	<46	<46	130
TP5-2	6/10/21	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.2	<46	<4.9	3,400
TP5-5	6/10/21	5	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<8.7	<43	<4.9	2,100
TP5-8	6/11/21	8	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.7	<48	<48	2,900
TP5-10	6/11/21	10	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.8	<49	<49	2,200
TP5-12	7/13/21	12	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<49	5,400
TP5-16	7/13/21	16	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<49	7,300
TP5-20	7/13/21	20	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<50	<50	9,200
TP6-2	6/10/21	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<49	<49	7,200
TP6-5	6/10/21	5	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<8.6	<43	<43	4,000
TP6-6	6/11/21	6	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.0	<45	<45	4,900
TP6-10	6/11/21	10	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<49	<49	920
TP6-12	7/13/21	12	<0.025	< 0.050	<0.050	<0.099	<0.099	<5.0	<9.5	<48	<48	8,500

						Area A	\			TO!!		
73073	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	TPH 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	losure Criteria	for Soils <50 fe	et Depth to Gro	undwater 19.15	29 NMAC		
30.			10 mg/Kg				50 mg/Kg				100 mg/Kg	600 mg/Kg
TP6-16	7/13/21	16	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.6	<48	<48	9,900
TP6-20	7/13/21	20	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.3	<46	<46	9,900
TP7-2	6/10/21	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<47	<47	1,100
TP7-5	6/10/21	5	<0.025	<0.050	<0.050	<0.1	<0.1	<5.0	<10	<50	<50	280
TP8-S	6/10/21	Surface	<0.12	<0.25	<0.25	<0.5	<0.5	<25	<9.5	<47	<47	<60
TP8-2	6/10/21	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<49	<49	250
TP9-2	6/10/21	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.5	<47	<47	3,900
TP9-5	6/10/21	5	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<10	<50	<50	3,200
TP9-6	6/11/21	6	<0.025	<0.050	<0.050	<0.050	<0.050	<5.0	<10	<50	<50	710
TP9-8	7/13/21	8	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	26	<47	26	590
TP9-10	7/13/21	10	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	17	<48	17	140
TP10-S	6/10/21	Surface	<0.12	<0.25	<0.25	<0.50	<0.50	<25	<10	<50	<50	<61
TP10-2	6/10/21	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.6	<48	<48	320
TP11-1	6/10/21	1	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<48	<48	1,900
TP11-3	6/11/21	3	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.8	<49	<4.9	1,400
TP11-5	6/11/21	5	< 0.024	<0.049	<0.049	<0.097	< 0.097	<4.9	<9,9	<50	<50	610
TP11-8	7/13/21	8	< 0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.9	<50	<50	8,600
TP11-12	7/13/21	12	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.8	<49	<49	9,500
TP11-15	7/13/21	15	< 0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<49	<49	8,800
TP11-18	7/13/21	18	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.8	<49	<49	10,000
TP11-20	7/13/21	20	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.6	<48	<48	16,000
TP12-S	6/10/21	Surface	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<49	<49	<60
TP12-1	6/10/21	1	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.8	<49	<49	90
TP13-2	6/10/21	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<48	<48	4,600
TP13-5	6/11/21	5	<0.023	<0.046	<0.046	<0.091	<0.091	<4.6	<9.5	<48	<48	5,200
TP13-7	7/13/21	7	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.5	<47	<47	11,000
TP13-14	7/13/21	14	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<49	8,500
TP13-20	7/13/21	20	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.3	<47	<47	13,000

TIME TO THE REAL PROPERTY.												
						Area A	\					
				T -1	Edually	Vedense	DIEV	0.70		TPH		Oblasida
200	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(feet bgs)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
					Table I C	Closure Criteria	for Soils <50 fe	et Depth to Gro	undwater 19.15	.29 NMAC		
20:			10 mg/Kg				50 mg/Kg				100 mg/Kg	600 mg/Kg
TP14-S	6/10/21	Surface	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<48	<48	<60
TP14-3	6/10/21	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.6	<48	<48	310
11714-2	0/10/21	2	<0.023	<0.030	<0.030	<0.1	<0.1	₹3.0	<9.0	\40	\40	310
TP15-1	6/10/2021	1	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<48	<48	2,400
TP15-6	6/11/21	6	<0.024	<0.048	<0.048	0.42	0.42	34	900	400	1,334	3,300
TP15-10	6/11/21	10	<0.025	<0.047	0.054	0.56	0.614	43	800	340	1,183	2,200
TP15-14	7/13/21	14	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.6	<48	<48	4,200
TP15-16	7/13/21	16	<0.025	<0.049	0.071	0.30	0.371	9.7	390	170	569.7	6,000
TP15-20	7/13/21	20	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.9	<50	<50	6,100
TP16-S	6/10/21	Surface	<0.025	<0.050	<0.050	<0.1	<0.1	<5.0	<9.5	<47	<47	<60
TP16-2	6/10/21	2	<0.025	<0.050	<0.050	<0.1	<0.1	<5.0	<10	<50	<50	150
11 10 2	0,10,21	_	10.020	10.000	10.000	10.1.	10	10.10	1.0	100	100	100
TP17-2	6/10/2021	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.8	<49	<49	2,700
TP17-4	6/11/21	4	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.9	<50	<50	1,600
TP17-8	7/14/21	8	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<49	<49	2,500
TP17-14	7/14/21	14	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<9.7	<48	<48	5,100
TP17-20	7/14/21	20	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<10	<50	<50	9,200
TP18-S	6/10/21	Surface	<0.025	<0.050	<0.050	<0.1	<0.1	<5.0	<9.7	<48	<48	<60
TP18-2	6/10/21	2	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.9	<50	<50	66
						Soil Boring Sa	mples					
SB-1-5	12/8/2021	5	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	12	<44	12	5,900
SB-1-10	12/8/2021	10	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.3	<46	<46	4,600
SB-1-15	12/8/2021	15	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<8.8	<44	<44	6,300
SB-1-20	12/8/2021	20	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	11	<47	11	5,700
SB-1-25	12/8/2021	25	<0.023	<0.046	<0.046	<0.093	< 0.093	<4.6	<10	<50	<50	9,200
SB-1-30	12/8/2021	30	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.6	<48	<48	5,400
SB-1-35	12/8/2021	35	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<47	<47	5,100
SB-1-40	12/8/2021	40	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.9	<49	<49	6,800
SB-1-45	12/8/2021	45	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.1	<46	<46	7,900
SB-1-50	12/8/2021	50	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.1	<46	<46	6,500
SB-1-60	12/8/2021	60	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.1	<45	<45	9,100

						Area A						
										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	losure Criteria	for Soils <50 fe	et Depth to Gro	undwater 19.15	29 NMAC		
			10 mg/Kg				50 mg/Kg				100 mg/Kg	600 mg/Kg
SB-1-70	12/8/2021	70	<0.023	<0.046	<0.046	<0.093	< 0.093	<4.6	<9.0	<45	<45	6,000
SB-1-80	12/8/2021	80	<0.025	< 0.050	<0.050	<0.10	<0.10	<5.0	20	51	71	6,900
SB-1-90	12/8/2021	90	<0.023	<0.046	<0.046	<0.093	< 0.093	<4.6	<9.2	<46	<46	2,400
SB-1-95	12/8/2021	95	< 0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.8	<49	<49	540
SB-1-100	12/8/2021	100	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<8.3	<42	<42	97
SB-2-5	12/8/2021	5	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.9	<50	<50	9,500
SB-2-10	12/8/2021	10	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.6	<48	<48	11,000
SB-2-15	12/8/2021	15	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<48	<48	7,000
SB-2-20	12/8/2021	20	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.8	<49	<49	7,000
SB-2-25	12/8/2021	25	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.7	<49	<49	8,500
SB-2-30	12/8/2021	30	<0.023	<0.047	<0.047	<0.092	<0.092	<4.7	<8.8	<44	<44	5,100
SB-2-35	12/8/2021	35	<0.023	<0.047	<0.047	<0.092	<0.092	<4.6	<10	<50	<50	2,900
SB-2-40	12/8/2021	40	<0.024	<0.048	<0.048	<0.096	< 0.096	<4.8	<9.7	<48	<48	4,900
SB-2-45	12/8/2021	45	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<8.8	<44	<44	3,600
SB-2-50	12/8/2021	50	<0.025	< 0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<46	<46	3,000
SB-2-55	12/8/2021	55	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.7	<49	<49	5,100
SB-2-60	12/8/2021	60	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<8.9	<45	<45	6,800
SB-2-70	12/8/2021	70	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.8	<49	<49	2,400
SB-2-80	12/8/2021	80	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.9	<49	<49	530
SB-2-85	12/8/2021	85	<0.024	<0.047	<0.047	<0.093	<0.093	<4.7	<9.1	<46	<46	<59
SB-3-5	12/14/2021	5	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	250	610	860	1,100
SB-3-10	12/14/2021	10	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	9	<45	9	1,200
SB-3-15	12/14/2021	15	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<47	<47	3,200
SB-3-20	12/14/2021	20	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.5	<47	<47	6,100
SB-3-25	12/14/2021	25	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.3	<47	<47	5,500
SB-3-30	12/14/2021	30	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.1	<49	<49	5,900
SB-3-35	12/14/2021	35	<0.024	<0.049	<0.049	<0.097	< 0.097	<4.9	<9.9	<50	<50	6,500
SB-3-40	12/14/2021	40	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.2	<46	<46	7,100
SB-3-45	12/14/2021	45	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<7.8	<39	<39	6,900
SB-3-50	12/14/2021	50	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<48	<48	5,400

						Area A	1					
										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		
			10 mg/Kg				50 mg/Kg				100 mg/Kg	600 mg/Kg
SB-3-55	12/14/2021	55	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.6	<48	<48	5,500
SB-3-60	12/14/2021	60	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.7	<49	<49	5,000
SB-3-70	12/14/2021	70	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.4	<47	<47	2,300
SB-3-75	12/14/2021	75	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.1	<46	<46	5,100
SB-3-85	12/14/2021	85	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	9.5	<47	9.5	1,300
SB-3-90	12/14/2021	90	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	48	110	158	<60
SB-3-95	1/7/2021	95	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.1	<46	<46	<60

Notes:

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

B-BH-2 Sample Point Excavated

- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table 1 Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table 1 Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. J the target analytes was positively identified below the quantitation limit and above the detection limit.

THE STATE OF THE S												
						Area B						
			Ponzono	Toluene	Ethylhonzone	Villanaa	BTEX	CDO	DRO	TPH	Total	Chloride
0/7/	Commis	Donah	Benzene	roiuerie	Ethylbenzene	Xylenes	BIEX	GRO (C6-C10)	(C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chioriae
Sample ID	Sample Date	Depth (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	losure Criteria	for Soils <50 fe	et Depth to Gro	undwater 19.15	29 NMAC		
			10 mg/Kg				50 mg/Kg	1,000	mg/Kg		2,500 mg/Kg	20,000 mg/Kg
	•				Init	ial Assessmen	Samples				·	
TP19-2	6/10/21	2	<0.049	<0.049	<0.049	<0.098	<0.098	<4.9	<9.9	<50	<50	2,100
TP19-5	6/10/21	5	<0.024	< 0.049	<0.049	<0.097	<0.097	<4.9	<9.9	<49	<49	870
TP19-6	6/11/21	6	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.6	<48	<48	720
TP19-10	7/14/21	10	<0.023	<0.046	<0.046	< 0.093	< 0.093	<4.6	<9.9	<49	<49	210
TP19-14	7/14/21	14	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.4	<47	<47	180
TP20-S	6/10/21	Surface	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<48	<48	<59
TP20-2	6/10/21	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.4	<47	<47	310
TP21-S	6/15/2021	Surface	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.1	<45	<45	<60
TP21-2	6/15/2021	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<8.5	<43	<43	<60
TP22-S	6/15/2021	Surface	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.9	<50	<50	<60
TP22-2	6/15/2021	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	45	150	195	<60
TP22-4	7/14/2021	4	<0.12	<0.23	<0.23	<0.47	<0.47	<23	1,300	1,400	2,700	1,000
TP22-7	7/14/2021	7	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	230	310	540	2,100
TP22-14	7/14/2021	14	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<9.3	<46	<46	1,500
TP22-20	7/14/2021	20	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	190	350	540	2,200
TP23-2	6/15/2021	2	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<47	<47	5,700
TP23-6	6/15/2021	6	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<8.8	<44	<44	1,700
TP23-9	6/15/2021	9	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.1	<45	<45	820
TP23-10	6/15/2021	10	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.7	<48	<48	710
TP23-12	7/14/2021	12	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<48	<48	260
TP23-14	7/14/2021	14	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<49	<49	<60
TP24-S	6/15/2021	Surface	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<10	<50	<50	74
TP24-2	6/15/2021	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.6	<48	<48	<60
TP25-S	6/15/2021	Surface	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<51	<51	<60
TP25-2	6/15/2021	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.4	<47	<47	<60
TP26-2	6/15/2021	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.0	<45	<45	1,500

						Area E	3			TDU		
		5 4	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	TPH MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Sample Date	Depth (feet bgs)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
	Dute	(rect bys)			Table I C	losure Criteria	for Soils <50 fe	et Depth to Gro	undwater 19.15	.29 NMAC	1	
			10 mg/Kg				50 mg/Kg	1,000	mg/Kg		2,500 mg/Kg	20,000 mg/
TP26-6	6/15/2021	6	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.1	<46	<46	710
TP26-8	7/14/2021	8	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<48	<48	2,100
TP26-16	7/14/2021	16	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.6	<48	<48	1,900
TP26-20	7/14/2021	20	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<48	<48	1,300
TP27-S	6/15/2021	Surface	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	9.9	65	74.9	76
TP27-2	6/15/2021	2	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	49	100	149	120
TP27-4	7/14/2021	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<50	<50	1,100
TP27-11	7/14/2021	11	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.3	<47	<47	700
TP27-16	7/14/2021	16	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.4	<47	<47	200
TP28-8	7/14/2021	8	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.9	<49	<49	2,400
TP28-12	7/14/2021	12	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<48	<48	2,100
TP28-20	7/14/2021	20	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.3	<46	<46	570
TP29-S	7/15/2021	Surface	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<48	<48	<60
TP29-2	7/15/2021	2	<0.025	< 0.050	<0.050	<0.098	<0.098	<4.9	<9.8	<49	<49	<60
TP29-5	7/15/2022	5	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<48	<48	<60
TP30-S	7/15/2021	Surface	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.9	<49	<49	<60
TP30-2	7/15/2021	2	<0.025	< 0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<49	<60
TP30-5	7/15/2022	5	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.9	<49	<49	<60
						Soil Boring Sa	, ·		ı	T		
SB-4-5	12/8/2021	5	<0.11	<0.23	<0.23	<0.46	<0.46	<23	290	480	770	2,000
SB-4-10	12/8/2021	10	<0.12	<0.12	<0.23	>0.46	>0.46	<0.23	97	66	163	2,900
SB-4-15	12/8/2021	15	<0.12	<0.24	<0.24	<0.48	<0.48	<24	<9.7	<49	<49	2,900
SB-4-20	12/8/2021	20	<0.12	<0.12	<0.12	>0.46	>0.46	<23	87	<48	87	2,600
SB-4-25	12/8/2021	25	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<10	<50	<50	2,100
SB-4-30	12/8/2021	30	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.6	<48	<48	880
SB-4-35	12/8/2021	35	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<49	340
SB-4-40	12/8/2021	40	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<10	<50	<50	150

1												
						Area B						#
										TPH		
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	MRO	Total	Chloride
	Sample	Depth						(C6-C10)	(C10-C28)	(C28-C35)	GRO/DRO/MRO	14
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)
	Duto	(1001 290)			Table I C	losure Criteria	for Soils <50 fe	et Depth to Gro	undwater 19.15	.29 NMAC		
			10 mg/Kg				50 mg/Kg	1.000	mg/Kg		2,500 mg/Kg	20,000 mg/Kg
			10 mg/rtg				oo mg/rtg	1,000	9,9		2,000 mg/mg	20,000 mg/rtg

- Notes:

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

B-BH-2 Sample Point Excavated

- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table 1 Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table 1 Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. J the target analytes was positively identified below the quantitation limit and above the detection limit.

Attachment A Site Characterization Documentation

Page 1 of 2

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Nix Curtis BH Battery

PROJECT NUMBER: 11229322

DATE COMPLETED: December 14, 2021

CLIENT: EOG Resources

DRILLING METHOD: Air Rotary/Split Spoons

EPTH	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH	SOIL BORING		SAMPLE		
t BGS		BGS		NUMBER	INTERVAL	REC (%)	CHLORIDE (mg/kg)
5	CL-SILTY CLAY, with sand, light brown, dry						
15	CL-SILTY CLAY, light brown, dry	12.00					
20							
25			Backfilled W Cement Gro				
35 —	CL-CLAY, with silt and caliche interbedded	35.00					
40	CL-CLAY, with fine to medium grained sand, light brown, slightly moist	38.00					
50							
55							
60	CL-SILTY CLAY, with sand and rock interbedded throughout, light brown, slightly damp	60.00					

Page 2 of 2

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Nix Curtis BH Battery

PROJECT NUMBER: 11229322

DATE COMPLETED: December 14, 2021

CLIENT: EOG Resources

DRILLING METHOD: Air Rotary/Split Spoons

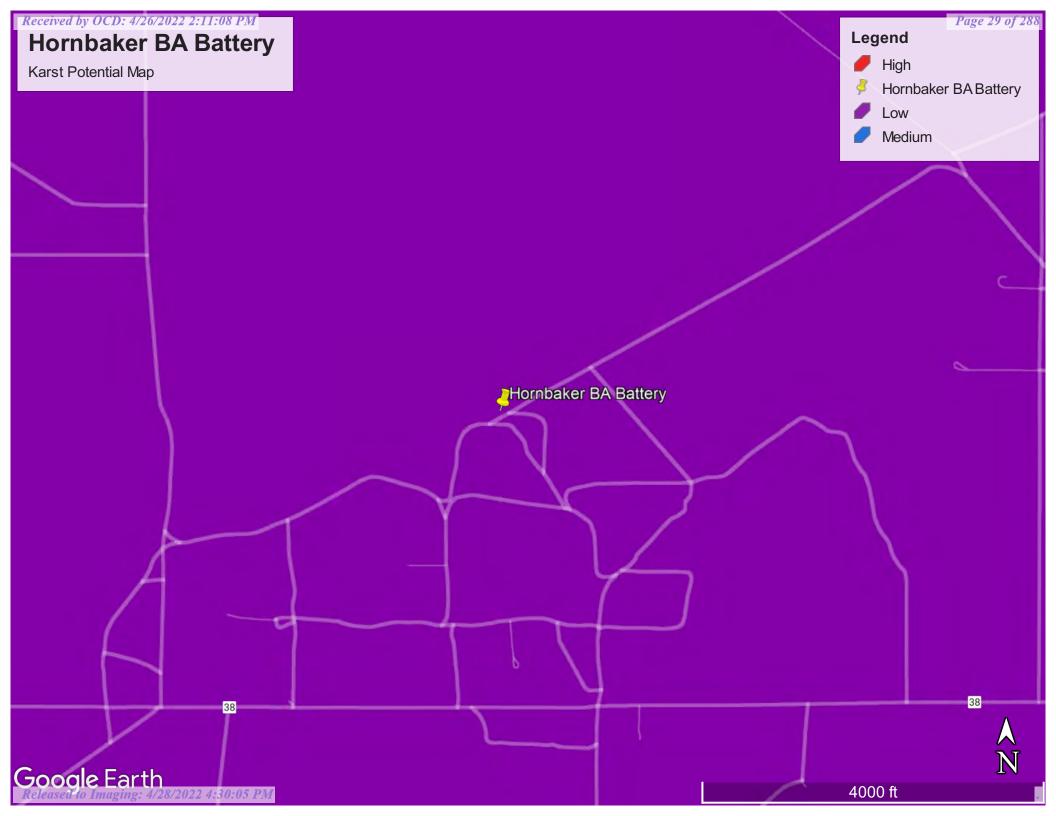
LOCATION: Artesia, New Mexico FIELD PERSONNEL: L. Mullins

EPTH t BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH	SOIL BORING			SAMF	
t BGS		BGS		NUMBER	INTERVAL	REC (%)	CHLORIDE (mg/kg)
70	SP-SAND, with silt, fine to medium grained, light brown, slightly damp	70.00					
75							
85							
90							
95							
100							
105	END OF BOREHOLE @ 107.50ft BGS	107.50					
110	DTW Well was left open for 72 hours to determine presence or absence of groundwater by utilization of a water level meter. No groundwater was present.						
115	grounding that protein.						
120							
125							
	NTES: MEASURING POINT ELEVATIONS MAY CHANGE; F	DEFED TO CUI	DENT ELEVATION TABLE				

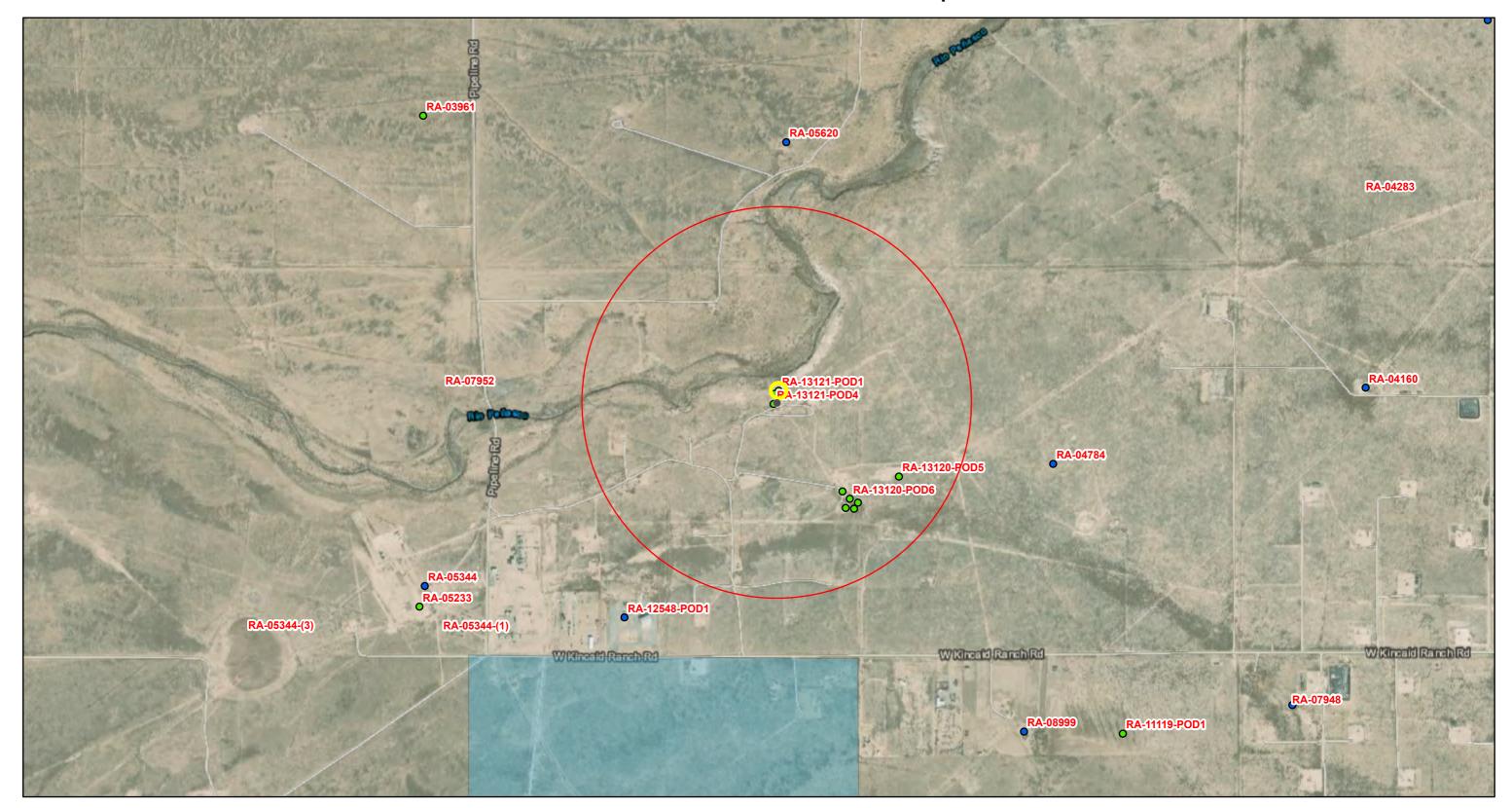


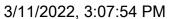
NO	OSE POD NO RA-13120	•	•	WEL	L TAG ID NO.		OSE F	TLE NO(3 3120	S).						
OCATI	WELL OWN EOG Reso						1	IE (OPTIO 703-653	· ·						
GENERAL AND WELL LOCATION	WELL OWN 105 S. 4th		G ADDRESS				CITY Artes	ia		STATE NM	88210	ZIP			
N CENT	WELL		DI		INUTES SECO										
AL A	LOCATIO		TITUDE	32		2.90 N	+ PAGEN A PROVIDED MICCOLA								
INER	(FROM GI	LC	NGITUDE	104		3.14 W	<u> </u>								
1. GF	Nix Curtis		NG WELL LOCATION TO	O STREET ADDRESS A	ND COMMON LAND!	MARKS – PLS	SS (SECT	'ION, TO	WNSHJIP, RANGE) WH	ERE AVAII	LABLE	i			
	LICENSE NO		NAME OF LICENSED						NAME OF WELL DRI						
	WD-1				W. White						mpany, Inc.				
	DRILLING S 12/14/		DRILLING ENDED 12/21/2021	DEPTH OF COMPLET	ED WELL (FT)	BORE HO	LE DEPT 106'	TH (FT)	DEPTH WATER FIRS	ST ENCOUN DRY	NTERED (FT)				
-									STATIC WATER LEV			LL (FT)			
N.C	COMPLETE	D WELL IS:	ARTESIAN	✓ DRY HOLE	SHALLOW (UNC	ONFINED)				DRY					
DRILLING & CASING INFORMATION	DRILLING F	LUID:	✓ AIR	MUD MUD	ADDITIVES – SPI	ECIFY:									
ORM	DRILLING M	METHOD:	✓ ROTARY	HAMMER	CABLE TOOL	ОТНЕ	R – SPEC	CIFY:				T			
INE		(feet bgl)	BORE HOLE		ERIAL AND/OR ADE		ASING		CASING		G WALL	SLOT			
SING	FROM	ТО	DIAM (inches)		asing string, and as of screen)	r	NECTIO		INSIDE DIAM. (inches)	1	KNESS ches)	SIZE (inches)			
& CA				note section	is of screen)	(add coup	ling dian	neter)							
NG															
						-									
2. DR															
``															
						-									
										<u> </u>					
ر ا		(feet bgl)	BORE HOLE DIAM. (inches)		NULAR SEAL M				AMOUNT (cubic feet)		METHO: PLACEM				
RIA	FROM 0.0	TO 106.0	6.0		PACK SIZE-RANG		CKVAL		20.80	P11	mp Mix w/				
ATE	0.0	100.0	- 0.0	Ту.	pe i Cement-Bento	inte Siurry			20.80	ru					
RM															
ULA															
3. ANNULAR MATERIAL					•										
3. A															
			(100 100)												
FOR	OSE INTER	NAL USE	;						WELL RECORD &	& LOG (V	ersion 04/3	0/19)			
FILE					POD NO.			TRN N	10.						
LOC	CATION						WELL	TAG II	O NO.		PAGE	1 OF 2			

	DEPTH (feet bgl)			· · · · · · · · · · · · · · · · · · ·		ESTIMATED
	FROM	ТО	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL EN INCLUDE WATER-BEARING CAVITIES OR (attach supplemental sheets to fully des	FRACTURE ZONES	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0.0	4.0	4.0	Brown silty clayey sand		Y /N	-
1	4.0	12.0	8.0	Tan silty sandy clay		Y ✓N	
	12.0	17.0	5.0	Brown sandy clay		Y ✓N	
	17.0	20.0	3.0	Tan sandstone/sand		y ✓n	-
	20.0	23.0	3.0	Yellow brown sand/sandstor	ne	Y ✓N	W W
1	23.0	25.0	2.0	Tan sand w/gravel		Y ✓N	
4. HYDROGEOLOGIC LOG OF WELL	25.0	32.0	7.0	Tan/brown sandy clay		Y ✓N	
OF	32.0	38.0	6.0	Brown sand/sandy clay		Y ✓N	
00	38.0	40.0	2.0	Brown sandy clay w/gravel mi	ixed	Y /N	
ICI	40.0	55.0	15.0	Brown sandy clay		Y ✓N	
007	55.0	65.0	10.0	Gravel w/brown sand		Y /N	
SEO	65.0	66.0	1.0	Tan/brown sand/sandstone		Y ✓N	
RO	66.0	68.0	2.0	Brown sand w/gravel mixed	i	Y ✓N	
HXD	68.0	105.0	37.0	Red brown sand/sandstone	:	Y ✓N	
4						Y N	
						Y N	
						Y N	
						Y N	
						Y N	
İ						Y N	
						Y N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA:	ТО	TAL ESTIMATED	
	PUMF	Al	R LIFT	BAILER OTHER – SPECIFY:	W	ELL YIELD (gpm):	0.00
ISION	WELL TEST	TEST I	RESULTS - ATTA TTIME, END TIN	ACH A COPY OF DATA COLLECTED DURING W. ME, AND A TABLE SHOWING DISCHARGE AND	ELL TESTING, INCLUI DRAWDOWN OVER T	DING DISCHARGE N THE TESTING PERIO	ЛЕТНОD, D.
[SIA]	MISCELLA	NEOUS INF	ORMATION:				
PER							
G SU							
TEST; RIG SUPERV	1						
EST	PRINT NAM	E(S) OF DE	RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION	ON OF WELL CONSTR	UCTION OTHER TH	AN LICENSEE:
5.1	William B. A						
-	BY SIGNING	G BELOW,	I CERTIFY THA	AT TO THE BEST OF MY KNOWLEDGE AND : WELL. I ALSO CERTIFY THAT THE WELL TAG,	BELIEF, THE FOREGO	OING IS A TRUE A	ND CORRECT
rur	WELL RECO	ORD WILL	ALSO BE FILED	WITH THE PERMIT HOLDER WITHIN 30 DAYS A	FTER THE COMPLETI	ON OF WELL DRILL	ING.
SIGNATURE				- 1			
6. SIC		H		John W. White		01/04/2022	
9		SIGNATU	JRE OF DRILLE	R / PRINT SIGNEE NAME		DATE	· · · · · · · · · · · · · · · · · · ·
		/					
	R OSE INTERN E NO.	NAL USE	-	POD NO.	WR-20 WELL R TRN NO.	ECORD & LOG (Ver	sion 04/30/2019)
1	CATION				<u> </u>		PAGE 2 OF 2
1 200		***			VELL TAG ID NO.		17101 2 01 2



OSE POD Locations Map





OSE District Boundary New Mexico State Trust Lands GIS WATERS PODs

Active

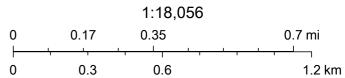
Water Right Regulations

Pending

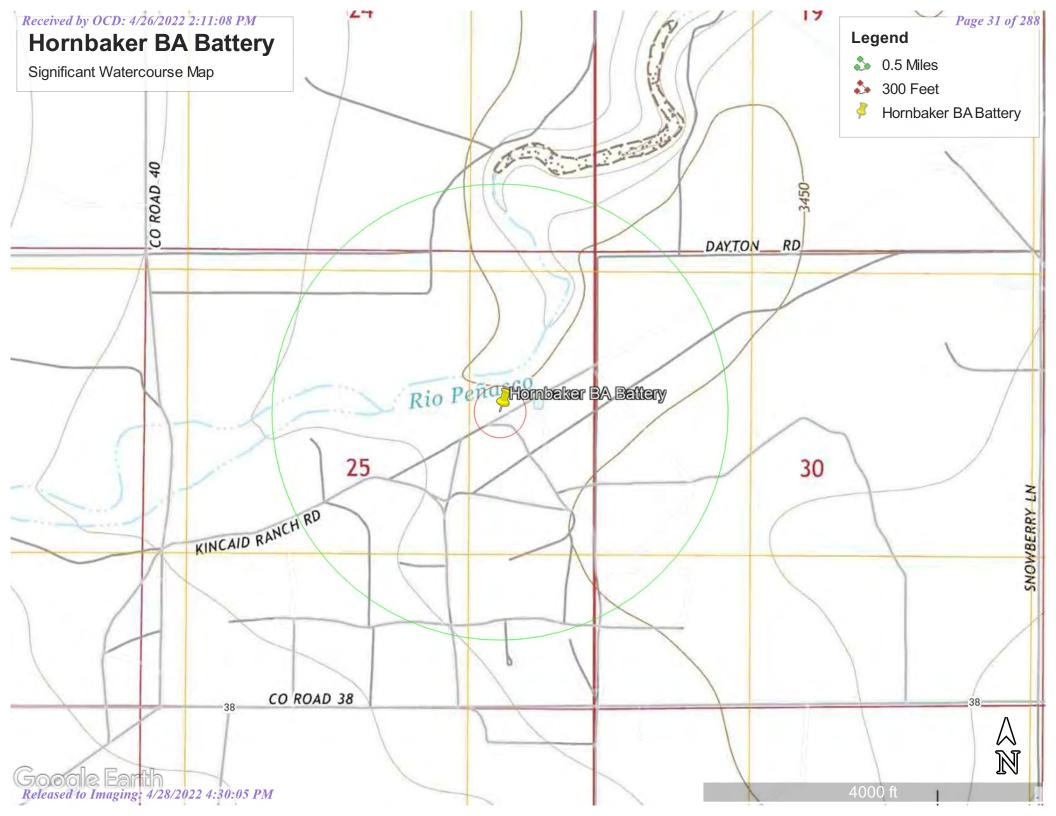
Closure Area

Both Estates

SiteBoundaries

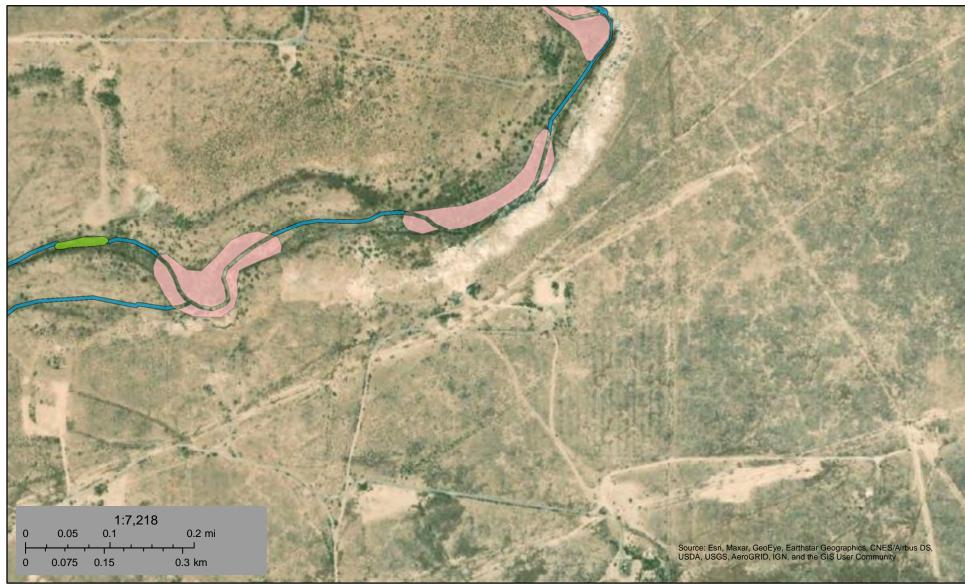


Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar





Hornbaker BA Battery



December 15, 2021

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Lake

Freshwater Forested/Shrub Wetland



Other

Freshwater Pond



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.

OReleas 240 Imaging: 4/28/2022 4.90:05 PM

National Flood Hazard Layer FIRMette





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

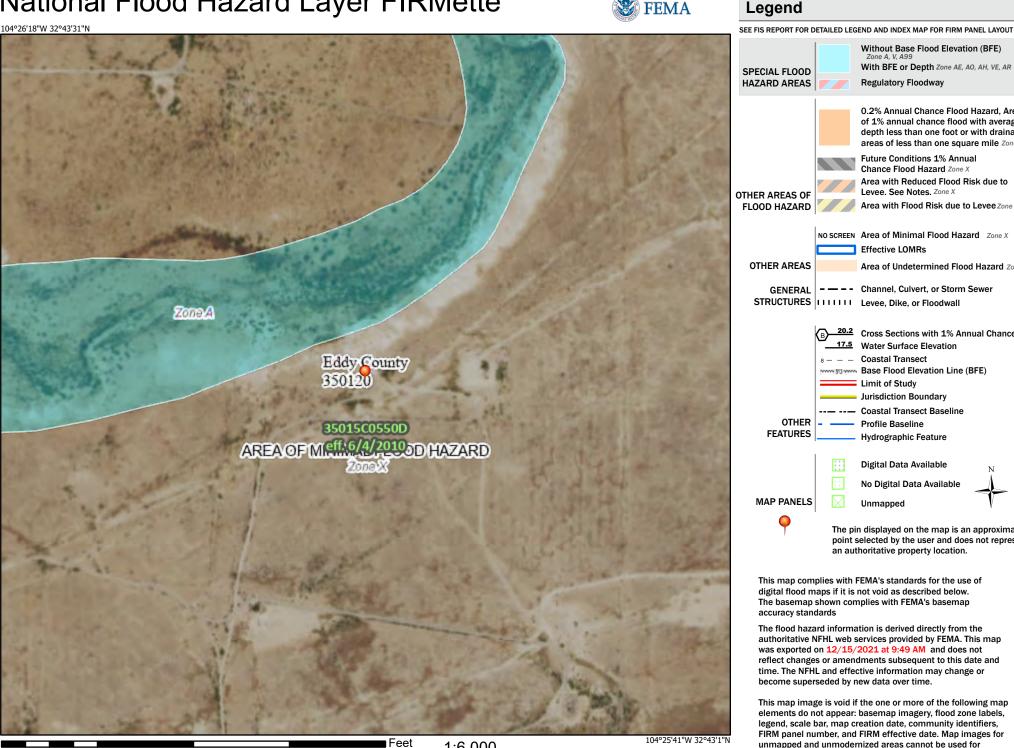
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/15/2021 at 9:49 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Attachment B Soil Boring Logs

Page 1 of 2

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

HOLE DESIGNATION: SB-1

PROJECT NUMBER: 11228980

PROJECT NAME: Hornbaker BA Battery

DATE COMPLETED: December 10, 2021
DRILLING METHOD: Air Rotary/Split Spoon

	EOG Resources DN: Eddy County, New Mexico				Air Rotary/Split S Z. Comino/L. Mu					
	G CONTRACTOR: White Drilling Company, Inc.			ersonnel. 2 R: B. Atkins	Comino/L. iviu	111115				
DEPTH	STRATIGRAPHIC DESCRIPTION & REMARKS		DEPTH		BORING			SAMF		
ft BGS			BGS			NUMBER	INTERVAL	REC (%)	CHLORIDE (mg/kg)	TOTAL TPH (mg/kg)
551751	SM-SILTY SAND, with <0.5 - 1 cm caliche gravel, fine to medium grained sand, white to tan, dry, no odor					5			5900	12
10 10 15 20 25 30 35 40 45 50 55 55 55 55 55 55 55 55 55 55 55 55	CL-CLAY, with fine sand, white to tan, damp, no odor		10.00			10'			6300	<46 <44
20 - 20 - 20 - 25 - 25				4	— Backfilled With Cement Grout	20'			5700 9200	11 <50
	- moist from 30.00 to 40.00ft BGS				Content Glout	30'			5400	<48
35						35'			5100	<47
- 40 - - -	CL-CLAY, with fine sand, tan to brown, damp, no odor		40.00			40'			6800	<49
- - - - - - -						45'			7900	<46
						50'			6500	<46
	NOTES: MEASURING POINT ELEVATIONS MAY CHANG	GE; REFI	ER TO CUR	RENT ELEVATI	ON TABLE					

Page 2 of 2

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Hornbaker BA Battery HOLE DESIGNATION: SB-1

PROJECT NUMBER: 11228980 DATE COMPLETED: December 10, 2021

CLIENT: EOG Resources DRILLING METHOD: Air Rotary/Split Spoons

LOCATION: Eddy County, New Mexico FIELD PERSONNEL: Z. Comino/L. Mullins

DEPTH	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH	SOIL BORING			SAMF		-	
ft BGS			BGS		NUMBER	INTERVAL	REC (%)	CHLORIDE (mg/kg)	TOTAL TPH
-60					60'			9100	<45
- 65									
70	SM-SILTY SAND, with <0.5 - 1 cm limestone gravel, fine grained sand, red to brown, damp		70.00		70'			6000	<4!
- 75	CL-SILTY CLAY, light brown and gray, slightly		80.00		80'			6900	71
- 85	moist								
- 90					90'			2400	<4
- 95	CL-SILTY CLAY, with sand, light brown and gray, slightly moist		95.00		95'			540	<49
- 100	END OF BOREHOLE @ 100.00ft BGS		100.00		100			57	<4:
- 105									
- 110									
- 115	TEO. MEACHDING DOINT ELEVATIONS MAYOU	IOE - DEET		DENT ELEVATION TARIE					
<u>NC</u>	<u>OTES:</u> MEASURING POINT ELEVATIONS MAY CHAN	GE; REFE	=R TO CUR	KENT ELEVATION TABLE					

Page 1 of 2

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

SB-2 HOLE DESIGNATION: PROJECT NAME: Hornbaker BA Battery

PROJECT NUMBER: 11228980 DATE COMPLETED: December 8, 2021 CLIENT: EOG Resources DRILLING METHOD: Air Rotary/Split Spoons

DEPTH	STRATIGRAPHIC DESCRIPTION & REMARKS		DEPTH	SOIL BORING			SAMF	PLE	
ft BGS	OTTO THE DESCRIPTION OF THE PARTY OF THE PAR		BGS	SOIL BOTTING	NUMBER	INTERVAL	REC (%)	CHLORIDE (mg/kg)	TOTAL TPH
-5 -	SM-SILTY SAND, with <0.5 cm caliche and sandstone gravel, fine to medium grained sand, brown to tan, dry, no odor	5777 5	5.00		5	_=_		9500	<u>-</u>
	CL-CLAY, with fine sand, green to white, damp, no odor								
10					10'			11000	<4
15					15'			7000	<4
20	CL-CLAY, with fine sand, white to tan, damp, no odor	20	20.00		20'			7000	<4
25				Backfilled W Cement Grou				8500	<4
30					30'			5100	<4
35	CL-CLAY, with fine sand, red to brown, damp, no odor	3.0	35.00		35'			2900	<5
40					40'			4900	<4
45					45'			3600	<4
50					50'			3000	<4
55					55'			5100	<4

Page 2 of 2

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Hornbaker BA Battery HOLE DESIGNATION: SB-2

PROJECT NUMBER: 11228980 DATE COMPLETED: December 8, 2021
CLIENT: EOG Resources DRILLING METHOD: Air Rotary/Split Spoons

LOCATION: Eddy County, New Mexico FIELD PERSONNEL: Z. Comino

DEPTH	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH	SOIL BORING			SAM		
ft BGS		BGS		NUMBER	INTERVAL	REC (%)	CHLORIDE (mg/kg)	TOTAL TPH
-60	SM-SILTY SAND, trace 0.5 - 2 cm limestone gravel, red to brown, damp, no odor	60.00		60'			6800	<45
- 65								
75				70'			2400	<4:
-80	CL-CLAY, with fine sand, red to brown, moist, no odor	80.00		80'			530	<4
85 –	END OF BOREHOLE @ 85.00ft BGS	85.00		85'			<59	<4
- 90								
95								
- 100								
- 105								
- 110								
- 115								
N	OTES: MEASURING POINT ELEVATIONS MAY CHANGE; R	EFER TO CUF	RRENT ELEVATION TABLE					

Page 1 of 2

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Hornbaker BA Battery HOLE DESIGNATION: SB-3

PROJECT NUMBER: 11228980 DATE COMPLETED: January 7, 2022
CLIENT: EOG Resources DRILLING METHOD: Air Rotary/Split Spoons

LOCATION: Eddy County, New Mexico FIELD PERSONNEL: Z. Comino/L. Mullins

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS		DEPTH	SOIL BORING	SAMPLE				
ft BGS	STRATIGNAFFIIC DESCRIPTION & REWARKS		BGS	SUL BUNING	NUMBER	INTERVAL	REC (%)	CHLORIDE (mg/kg)	TOTAL TPH
- 5	SP-SAND, with caliche interbedded, fine to medium grained sand, light brown, dry				5			1100	860
10					10'			1200	9
15	CL-CLAY, with sand, light brown, dry		15.00		15'			3200	<4
20					20'			6100	<4
25				Backfilled W Cement Grou	th 25			5500	<4
30	CL-SILTY CLAY, light brown, slightly moist		30.00		30'			5900	<4
35					35'			6500	<5
40					40'			7100	<4
45	CL-SILTY CLAY, with sand, orangish brown, slightly moist		45.00		45			6900	<3
50					50'	}		5400	<4
55					55'	}		5500	<4
<u>N0</u>	OTES: MEASURING POINT ELEVATIONS MAY CHAN	NGE; REFI	ER TO CUR	RENT ELEVATION TABLE					

Page 2 of 2

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Hornbaker BA Battery HOLE DESIGNATION: SB-3

PROJECT NUMBER: 11228980 DATE COMPLETED: January 7, 2022

DEPTH	G CONTRACTOR: White Drilling Company, Inc.	DRILLER	R: B. Atkins			SAMF	PLE	
t BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	BGS	SOIL BORING	NUMBER	INTERVAL	REC (%)	CHLORIDE (mg/kg)	TOTAL TPH
60	- rock interbedded throughout from 60.00 to 75.00ft BGS			(60°)	<u>Z</u>	Ľ.	5000	O <u>`</u>
70				70'			2300	<4
75	SP-SAND, with silt, orangish brown	75.00		75'			5100	<4
80								
85				85'			1300	9
90	SM SILTY-SAND, fine to medium grained, well sorted, red to brown, damp, no odor	90.00		90'			<60	15
95				95'			<60	<4
100	END OF BOREHOLE @ 100.00ft BGS	100.00						
105								
110								
115								

CHEMICAL ANALYSIS

CLIENT: EOG Resources

Page 1 of 1

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN) PROJECT NAME: Hornbaker BA Battery HOLE DESIGNATION: SB-4 PROJECT NUMBER: 11228980 DATE COMPLETED: December 8, 2021

LOCATION: Eddy County, New Mexico FIELD PERSONNEL: Z. Comino

DRILLING METHOD: Air Rotary/Split Spoons

DEPTH	STRATIGRAPHIC DESCRIPTION & REMARKS		DEPTH	SOIL BORING	L			SAMF	PLE	
ft BGS			BGS			NUMBER	INTERVAL	REC (%)	CHLORIDE (mg/kg)	TOTAL TPH
5 —	SM-SILTY SAND, with <0.5 cm sandstone gravel, fine to medium grained sand, brown to tan, dry, no odor CL-CLAY, with fine grained sand, well sorted, green to white, damp, no odor		5.00			5	=		2000	770
10						10'			2900	163
15				Backfi Cemei	lled With (15'			2900	<49
20	CL-CLAY, with fine sand, white to tan, damp, no odor		20.00			20'			2600	87
25	- white to red from 25.00 to 40.00ft BGS					25'			2100	<5
30						30'			880	<4
35						35'			340	<4!
40	END OF BOREHOLE @ 40.00ft BGS		40.00			40'			150	<5
45										
50										
55										
NC	OTES: MEASURING POINT ELEVATIONS MAY CHANG	SE; REFE	R TO CUR	RENT ELEVATION TABL	.E				•	



NO	OSE POD NO RA-13121	,				WELL TAG ID 1	10.		OSE FILE NO RA-13121	O(S).			
CATI	WELL OWN EOG Reso								PHONE (OPT 575-703-65	•			
GENERAL AND WELL LOCATION	WELL OWN 105 S. 4th		ING .	ADDRESS					CITY Artesia		STAT NM	E 88210	ZIP
D W				DE	EGREES	MINUTES	SECO	MDe					
AN	WELL				32	43		30	* ACCURAC	Y REQUIRED: ONE TEN	TH OF A	A SECOND	
RAI.	LOCATIO (FROM GI	PS)		ITUDE	104	25	50	$\frac{1.30}{0.37}$ W		EQUIRED: WGS 84		10200112	
ENE				GITUDE									
1. G	Hornbaker				STREET ADDRE	SS AND COMM	ON LANDI	MARKS – PL	SS (SECTION, TO	OWNSHJIP, RANGE) WE	IERE AV	/AILABLE	
	LICENSE NO).		NAME OF LICENSED	DRILLER					NAME OF WELL DR	ILLING	COMPANY	
7	WD-	1456	İ		J	ohn W. Whit	e			White I	Prilling	Company, Inc.	
	DRILLING S			DRILLING ENDED	DEPTH OF COM	PLETED WELL	(FT)	1	LE DEPTH (FT)	DEPTH WATER FIR			
1	12/08/	/2021		12/10/2021					100'		DF	RY	
Z	COMPLETE	D WELL I	IS:	ARTESIAN	✓ DRY HOLE	☐ SHALI	LOW (UNC	ONFINED)		STATIC WATER LEV	/EL IN O		LL (FT)
TIO	DRILLING F	LUID:		✓ AIR	☐ MUD	ADDIT	IVES – SPE	ECIFY:		.· !			
2. DRILLING & CASING INFORMATION	DRILLING M	METHOD:		ROTARY	HAMMER	CABLE	E TOOL	ОТНЕ	R - SPECIFY:				
(FO)	DEPTH	(feet bg)	1)	T DODE WOLF	CASING M	ATERIAL A	ND/OR				Ī		1
ĠII	FROM TO DIAM					GRADE		l	ASING NECTION	CASING INSIDE DIAM.		SING WALL HICKNESS	SLOT SIZE
NISI				(inches)		ch casing strin ctions of scree		1	TYPE ling diameter)	(inches)		(inches)	(inches)
° C							/	(add coup	mig diameter)				
\Q.													
CE													
DRI													
7													
	<u> </u>	<u> </u>		1				<u> </u>			<u> </u>		<u></u>
٠ ـ	DEPTH			BORE HOLE DIAM. (inches)	i	ANNULAR				AMOUNT		METHO PLACEM	
RIA	FROM	TO		` `	GRAV.	EL PACK SIZ			ERVAL	(cubic feet)			
Œ	0.0	100.	.0	6.0		Type 1 Ceme	ent-Bentor	nite Slurry		19.63		Pump Mix w/7	rimie Pipe
W/													
LAF					•								
N								-			+		
3. ANNULAR MATERIAL													
. •						····							
EUD	OSE INTER	NAT 110	SF		1				WD o	0 WELL RECORD	& I OC	(Version 04/2)	0/19)
	E NO.	THE US	<i>-</i> 11			POD N	1O.		TRN		x LUU	(v cr stoff 04/3)	0/19)
	CATION			44444					WELL TAG I			PAGE	1 OF 2

	DEPTH (feet bgl)		COLOR AND TYPE OF MATERIAL ENGOLDIERDE			ESTIMATED
	FROM	то	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED INCLUDE WATER-BEARING CAVITIES OR FRACTURE (attach supplemental sheets to fully describe all units	ZONES	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0.0	4.0	4.0	Brown sand/clayey sand		Y ✓N	
	4.0	13.0	9.0	Tan/brown sandstone		Y /N	
	13.0	51.0	38.0	Brown silty clay w/green silty clay mixed		Y ✓N	
	51.0	100.0	49.0	Brown sandy clay w/gravel mixed		Y ✓N	
						Y N	
13						Y N	
4. HYDROGEOLOGIC LOG OF WELL						Y N	
OF.						Y N	
903						Y N	
l COR						Y N	
100						Y N	
GEO						Y N	
) KO						Y N	
НХГ						Y N	
4.						Y N	
						Y N	,,,,,
						Y N	
						Y N	
						Y N	
						Y N	***
						Y N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA:	ТОТ	TAL ESTIMATED	
	PUMF	· [AI	R LIFT	BAILER OTHER – SPECIFY:	WE	LL YIELD (gpm):	0.00
ION	WELL TEST	TEST I	RESULTS - ATTA TTIME, END TIM	ACH A COPY OF DATA COLLECTED DURING WELL TESTING ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN	3, INCLUD N OVER TH	ING DISCHARGE N IE TESTING PERIO	METHOD, D.
TEST; RIG SUPERVISION	MISCELLAN	NEOUS INF	ORMATION: Ch	lorides present			
PER			CII	iorides present			
3 SU							
; RIG							
EST	PRINT NAM	E(S) OF DR	ILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL	CONSTRI	ICTION OTHER TH	AN I ICENSEE:
5. T	William B. A			The same is the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the sa	CONSTRU		THY BIOBINGED.
[-]				AT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRES			
	WELL RECO	RD WILL	SO BE FILED	WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE C	OMPLETIC	ON OF WELL DRILL	ING.
SIGNATURE			1				
	(hac -	John W. White		01/04/2022	
9		SIGNATU	RE OF DRILLE	R / PRINT SIGNEE NAME	-	DATE	
		/					
	OSE INTERNE NO.	NAL USE	.	POD NO. TRN N		ECORD & LOG (Ver	sion 04/30/2019)
	CATION						PAGE 2 OF 2
				WELL TAG ID	NU.	***	17300 2 01 2



										 		
1	OSE POD NO RA-13121					WELL TAG ID	NO.		OSE FILE N			
IO				B-2) 					RA-1312			
GENERAL AND WELL LOCATION	WELL OWN EOG Reso						,		PHONE (OI 575-703-0			
TT	WELL OWN			ADDRESS					CITY		STATE	ZIP
WE	105 S. 4th	Street	;						Artesia		NM 88210	
S C	WELL			D	EGREES	MINUTES	SECOND					
VT'	LOCATIO		LAT	TTUDE	32	43	16.99	N	_	CY REQUIRED: ONE TEN	VTH OF A SECOND	
NER	(FROM GI	PS)	LON	IGITUDE	104	26	00.10) W	* DATUM I	REQUIRED: WGS 84		
. GE					O STREET ADDI	RESS AND COMM	ION LANDMAI	KS – PLS	SS (SECTION,	TOWNSHJIP, RANGE) WI	HERE AVAILABLE	
Ħ.	Hornbaker	· BA E	3atter	ту								
	LICENSE NO			NAME OF LICENSEI						NAME OF WELL DE		
	WD-	1456				John W. Whi				White I	Orilling Company, Inc	.
	DRILLING S 12/08/		D	DRILLING ENDED 12/09/2021	DEPTH OF CO	MPLETED WELL	(FT)	ORE HO	LE DEPTH (FT 85'	DEPTH WATER FIR	RST ENCOUNTERED (FT DRY)
	12/00/	2021		12/07/2021						CTATIC WATER I	VEL IN COMPLETED W	EII (ET)
7	COMPLETE	D WELI	L IS:	☐ ARTESIAN	✓ DRY HOL	E SHAL	LOW (UNCON	FINED)		STATIC WATER LE	DRY	BLL (F1)
TIOI	DRILLING F	LUID:		✓ AIR	MUD	ADDI	ΓΙVES – SPECII	Ϋ́:		<u> </u>		
CASING INFORMATION	DRILLING N	ИЕТНОІ	D:	✓ ROTARY	HAMMER	CABL	E TOOL [ОТНЕ	R - SPECIFY:			
FOI	DEPTH	(feet h	ol)	1 222222	CASING	MATERIAL A	ND/OR				T	1
IG II	FROM		O	BORE HOLE DIAM		GRADE			ASING NECTION	CASING INSIDE DIAM.	CASING WALL THICKNESS	SLOT SIZE
ASID				(inches)		each casing strip sections of scree	~		YPE ling diameter)	(inches)	(inches)	(inches)
ING												
2. DRILLING &												1
2. DI												
,,												
					1						<u> </u>	
. 1	DEPTH	(feet b	gl)	BORE HOLE	1	ST ANNULAR				AMOUNT	METHO	
ANNULAR MATERIAL	FROM		O	DIAM. (inches)	GRA	VEL PACK SIZ			RVAL	(cubic feet)	PLACEI	
ATE]	0.0	83	5.0	6.0		Type I Cem	ent-Bentonite	Slurry		16.68	Pump Mix w/	Trimie Pipe
R M			-									
JLAJ								•				
N											-	
3. A												
		,										
	OSE INTER	NAL U	JSE							-20 WELL RECORD	& LOG (Version 04/3	30/19)
FILE						POD	NO.			NO.	·	
i LOC	ATION							i	WELL TAG	ID NO	I PAGE	1 OF 2

	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZON (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0.0	8.0	8.0	Tan brown silty sand/sandstone caliche	Y VN	
	8.0	45.0	37.0	Brown, green and tan molded silty clay	Y ✓N	
	45.0	62.0	17.0	Brown silty clay	Y ✓N	
	62.0	63.0	1.0	Gravel w/clay	Y ✓N	
	63.0	65.0	2.0	Brown silty clay	Y ✓N	
13	65.0	85.0	20.0	Brown sandy clay w/gravel mixed	Y ✓N	
WEI					Y N	
OF					Y N	
1 00					Y N	
					Y N	
LOC					Y N	
GEC					Y N	
ORO					Y N	
4. HYDROGEOLOGIC LOG OF WELL		•			Y N	
4.					Y N	
		_		·	Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA:	TOTAL ESTIMATED	0.00
	PUMI		IR LIFT	BAILER OTHER – SPECIFY:	WELL YIELD (gpm):	0.00
NOISI	WELL TEST			CH A COPY OF DATA COLLECTED DURING WELL TESTING, IN IE, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OV		
TEST; RIG SUPERVISI	MISCELLAI	NEOUS INF	ORMATION: Ch	lorides present		
5. TES	PRINT NAM William B. A		RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON	NSTRUCTION OTHER T	HAN LICENSEE:
6. SIGNATURE	RECORD OF	FAHE ABO ORD WILL A	VE DESCRIBED ALSO BE FILED	AT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FORWELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, H. WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMP	AS BEEN INSTALLED A	ND THAT THIS
		SIGNATO	JRK OW INRILLEI	R / PRINT SIGNEE NAME	DATE	
FOI	R OSE INTERI	NAL USE	1	WR-20 WE	ELL RECORD & LOG (V	ersion 04/30/2019)
FIL	E NO.		•	POD NO. TRN NO.		
LO	CATION			WELL TAG ID NO.		PAGE 2 OF 2



ON	OSE POD NO RA-13121	•	•		WELL TAG ID NO	.		OSE FILE NO RA-13121	O(S).			
ОСАТІ	WELL OWN EOG Resc							PHONE (OPT 575-703-65	•			
GENERAL AND WELL LOCATION	WELL OWN 105 S. 4th		NG ADDRESS					CITY Artesia		STATE NM	88210	ZIP
LAND	WELL	i	_ATITUDE	DEGREES 32	MINUTES 43	SECON 16.8		* ACCURAC	Y REQUIRED: ONE TEN	TH OF A	SECOND	
NERA	(FROM GI	PS) I	LONGITUDE	104	25	59.2	26 W		EQUIRED: WGS 84			
1. GE	DESCRIPTI Hornbaker		TING WELL LOCATION ttery	TO STREET ADDI	RESS AND COMMON	N LANDMA	RKS – PLS	S (SECTION, TO	OWNSHJIP, RANGE) WH	IERE AVA	ILABLE	
:	LICENSE NO		NAME OF LICENSE		John W. White				NAME OF WELL DR		OMPANY ompany, Inc.	
	DRILLING S		DRILLING ENDED		MPLETED WELL (F	T)		LE DEPTH (FT)	DEPTH WATER FIR	ST ENCO	JNTERED (FT)	
	12/14/	/2021	12/15/2021					100'	STATIC WATER LEV	DR'		LL (FT)
NC	COMPLETE	D WELL IS	S: ARTESIAN	✓ DRY HOI	LE SHALLO	W (UNCO	NFINED)			DR		(/
ATIC	DRILLING F	LUID:	✓ AIR	☐ MUD	ADDITIV	ES – SPEC	IFY:					
ORM	DRILLING M	METHOD:	✓ ROTARY	HAMMER	CABLE T	OOL	ОТНЕ	R – SPECIFY:	,			
2. DRILLING & CASING INFORMATION	DEPTH FROM	(feet bgl)	— DOKE HOLE	(include	MATERIAL AND GRADE each casing string, sections of screen)	and	CONN T	SING IECTION YPE ing diameter)	CASING INSIDE DIAM. (inches)	THI	NG WALL CKNESS inches)	SLOT SIZE (inches)
3 & C												
LING												
RIL	*****											
2. I												
								-				
					.			 .				
	DEPTH	(feet bgl)	DOLE HOLL	i	ST ANNULAR SE				AMOUNT		METHO	
ANNULAR MATERIAL	FROM	TO) GRA	VEL PACK SIZE-			RVAL	(cubic feet)		PLACEM	
ATE	0.0	100.0	0 6.0		Type 1 Cement	t-Bentonit	e Slurry		19.62	P	ump Mix w/7	rimie Pipe
RM												
ULA										-		
SN												
ж.					***************************************							
FOR FILE	OSE INTER	NAL US	E		POD NO	<u> </u>		WR-2	0 WELL RECORD	& LOG (Version 04/30	0/19)
	ATION				I POD NO	·.	Ţ,	WELL TAG I		·	PAGE	1 OF 2
							1	ないいし しんびし	DINU.		1 11100	~ U. L

	DEPTH (feet bgl)		COLOR AND TYPE OF MATERIAL ENCOUNTERE			ESTIMATED
	FROM	ТО	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERE INCLUDE WATER-BEARING CAVITIES OR FRACTURE (attach supplemental sheets to fully describe all unit	ZONES	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0.0	12.0	12.0	Brown sand/clayey sand caliche		Y VN	(gr/
	12.0	33.0	21.0	Green tan clay		Y ✓N	
	33.0	50.0	17.0	Brown clay w/green and gray clay mixed		Y ✓N	
	50.0	69.0	19.0	Brown clay w/gravel mixed		y ✓n	
	69.0	75.0	6.0	Tan sandstone streaks		Y ✓N	
17	75.0	100.0	25.0	Brown sandy clay w/gravel mixed		Y ✓N	
4. HYDROGEOLOGIC LOG OF WELL						Y N	
OF						Y N	
8						Y N	
T						Y N	
100						Y N	
GEC						Y N	
)RO						Y N	
НХН						Y N	
4						Y N	
						Y N	
-						Y N	
						Y N	
						Y N	
						Y N	
						Y N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA:	- 1	AL ESTIMATED	
	PUMI	AI	R LIFT	BAILER OTHER – SPECIFY:	WE.	LL YIELD (gpm):	0.00
ISION	WELL TEST	TEST I	RESULTS - ATTA TTIME, END TIN	ACH A COPY OF DATA COLLECTED DURING WELL TESTIN ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOW	G, INCLUDI N OVER TH	NG DISCHARGE N E TESTING PERIC	METHOD, D.
PERVIS	MISCELLA	NEOUS INF	ORMATION: Ch	lorides present			
TEST; RIG SUPERV							
rest	PRINT NAM	E(S) OF DR	RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WEL	L CONSTRU	CTION OTHER TH	AN LICENSEE:
5.3	William B. A	Atkins					
TURE	RECORD OF	THE ABO	VE DESCRIBED	AT TO THE BEST OF MY KNOWLEDGE AND BELIEF, TH WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRI WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE (ED, HAS BEI	EN INSTALLED AN	ID THAT THIS
6. SIGNATURE		***************************************	AVE	John W. White		01/04/2022	
		SIGNATU	RE OF DRILLE	R / PRINT SIGNEE NAME		DATE	
FOF	R OSE INTERN	NAL USE	V	WR-2	0 WELL RE	CORD & LOG (Vei	sion 04/30/2019)
	E NO.			POD NO. TRN			
LO	CATION			WELL TAG I	D NO.		PAGE 2 OF 2



											
NO	OSE POD NO RA-13121				WELL TAG ID NO).		OSE FILE NOO RA-13121	S).		
OCATI	WELL OWN EOG Reso			- ·				PHONE (OPTI 575-703-65	•		
GENERAL AND WELL LOCATION	WELL OWN 105 S. 4th		NG ADDRESS					CITY Artesia		STATE NM 88210	ZIP
L AND 1	WELL	DN I	.ATITUDE	EGREES 32	MINUTES 43	SECO 15		* ACCURACY	REQUIRED: ONE TEN	TH OF A SECOND	10
NERA	(FROM GI	rs)	ONGITUDE	104	26	00		* DATUM RE	QUIRED: WGS 84		
1. GE	DESCRIPTION Hornbaker		TING WELL LOCATION T Etery	O STREET ADDR	ESS AND COMMO	N LANDM	IARKS – PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAILABLE	
3 1	LICENSE NO		NAME OF LICENSEI		John W. White				NAME OF WELL DRI White D	ILLING COMPANY Orilling Company, Inc.	
	DRILLING S		DRILLING ENDED 12/09/2021	DEPTH OF COI	MPLETED WELL (F	T)	ı	LE DEPTH (FT) 40.0	DEPTH WATER FIRS	ST ENCOUNTERED (FT)	
	COMPLETE	D WELL IS	3: ARTESIAN	✓ DRY HOL	E 🔲 SHALLO	OW (UNC	ONFINED)		STATIC WATER LEV	VEL IN COMPLETED WE	LL (FT)
TION	DRILLING F.	LUID:	✓ AIR	MUD MUD	ADDITIV	/ES – SPE	CIFY:				
RMA	DRILLING M	IETHOD:	✓ ROTARY	☐ HAMMER	. CABLE 1	TOOL	ОТНЕ	R - SPECIFY:			
DRILLING & CASING INFORMATION	DEPTH FROM	(feet bgl)	— DOKE HOLL		MATERIAL ANI GRADE			ASING VECTION	CASING INSIDE DIAM.	CASING WALL THICKNESS	SLOT SIZE
k CASII			(inches)		each casing string sections of screen			YPE ling diameter)	(inches)	(inches)	(inches)
ING 8											
RILL											
2. I											
			,								
			<u>'</u>								
,	DEPTH	(feet bgl)	DOI WINDE	l l	ST ANNULAR SI				AMOUNT	МЕТНО	
RIAL	FROM 0.0	TO 40.0	DIAM. (inches)	GRAV	VEL PACK SIZE Type 1 Cemen			RVAL	(cubic feet)	PLACEM Pump Mix w/7	
MATE	0.0				Type I comen	. Bonton			7.00	T GIIIP TIZIK W	Time 1 po
ANNULAR MATERIAL											
NNU									:		
3. /											
FOR	OSE INTER	NAL US	E					WR-20) WELL RECORD &	& LOG (Version 04/3	0/19)
FILE	E NO.				POD NO).		TRN 1			
LOC	ATION							WELL TAG II	O NO.	PAGE	1 OF 2

F	1		T				1	
	DEPTH (feet bgl)		COLOR AND TYPE OF MATERIA	L ENCOUNTERED -		WATER	ESTIMATED YIELD FOR
	EDOM		THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIE	S OR FRACTURE ZO	NES	BEARING?	WATER-
14.	FROM	ТО	(Teet)	(attach supplemental sheets to full	y describe all units)		(YES/NO)	BEARING ZONES (gpm)
	0.0	5.5	5.5	Brown and tan silty clayey	sand/caliche		Y ✓ N	(CI)
	5.5	9.0	3.5	Light brown sandst	one		Y ✓N	
	9.0	14.0	5.0	Green brown sandy	clay		Y ✓N	
	14.0	16.0	2.0	Light tan silty sandy	clay		Y ✓N	
	16.0	20.0	4.0	Yellow brown sandy	clay		Y ✓N	
ļ j	20.0	28.0	8.0	Brown sandy cla	y		Y ✓N	
WEL	28.0	40.0		Y ✓N				
OF							Y N	
500							Y N	
ICI							Y N	
00							Y N	
4. HYDROGEOLOGIC LOG OF WELL							Y N	
80							Y N	
QXE							Y N	
4.							Y N	
				· · · · · · · · · · · · · · · · · · ·			Y N	
							Y N	
							Y N	
							Y N	
							Y N	
							Y N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA:		ТОТ	AL ESTIMATED	
	PUMF	AI	R LIFT	BAILER OTHER – SPECIFY:		WE:	LL YIELD (gpm):	0.00
/ISION	WELL TEST	TEST I	RESULTS - ATTA TTIME, END TIM	ACH A COPY OF DATA COLLECTED DURIN ME, AND A TABLE SHOWING DISCHARGE	IG WELL TESTING, I AND DRAWDOWN O	NCLUDI VER TH	ING DISCHARGE N IE TESTING PERIO	METHOD, D.
VIS	MISCELLAN	NEOUS INF	ORMATION: Ch	lorides and hydrocarbon present				
PEF			-					
G St								
TEST; RIG SUPERV								
res	PRINT NAM	E(S) OF DE	LILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPER	VISION OF WELL CO	NSTRU	CTION OTHER TH	IAN LICENSEE:
5.	William B. A	Atkins						
12	RECORD OF	THE ANO	VE DESCRIBED	AT TO THE BEST OF MY KNOWLEDGE A WELL. I ALSO CERTIFY THAT THE WELL	ΓAG, IF REQUIRED, Ι	AS BEI	EN INSTALLED AN	ID THAT THIS
TUF	WELL RECO	ORD WIL I	ALSO BE FILED	WITH THE PERMIT HOLDER WITHIN 30 DA	YS AFTER THE COM	PLETIO	n of well drill	LING.
SIGNATURE	(/		John W. White			01/04/2022	
6. SI			AX	Joini w. winte			01/04/2022	
		SIGNAT	RE OF DRILLE	R / PRINT SIGNEE NAME			DATE	
EOE	OSE INTERN	IAI IICE	/		WD 20 W	יים וזים/	CODD & LOC (VI-	rion 04/20/2010\
	E NO.	NAL USE		POD NO.	TRN NO.	ELL KE	CORD & LOG (Ver	sion 04/30/2019)
LOC	CATION				WELL TAG ID NO	 D.		PAGE 2 OF 2
					,			1

Attachment B Laboratory Analytical Reports and Chain-ofCustody Documentation



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

June 28, 2021

Tom Larson
GHD
6121 Indian School Road, NE #200
Albuquerque, NM 87110
TEL: (505) 884-0672

FAX:

RE: Hornbaker BA Battery OrderNo.: 2106711

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 35 sample(s) on 6/12/2021 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 Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **2106711**Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-001 **Collection Date:** 6/10/2021 8:20:00 AM

Client Sample ID: TP1-6 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Ana	lyst: VP
Chloride	2600	150		mg/Kg	50	6/17/2021 5:10:12 F	PM 60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Ana	lyst: SB
Diesel Range Organics (DRO)	9500	440		mg/Kg	50	6/15/2021 7:36:04 F	PM 60612
Motor Oil Range Organics (MRO)	6400	2200		mg/Kg	50	6/15/2021 7:36:04 F	PM 60612
Surr: DNOP	0	70-130	S	%Rec	50	6/15/2021 7:36:04 F	PM 60612
EPA METHOD 8015D: GASOLINE RANGE						Ana	lyst: NSB
Gasoline Range Organics (GRO)	1100	24		mg/Kg	5	6/15/2021 7:28:57 F	PM 60591
Surr: BFB	692	70-130	S	%Rec	5	6/15/2021 7:28:57 F	PM 60591
EPA METHOD 8021B: VOLATILES						Ana	lyst: NSB
Benzene	5.2	0.12		mg/Kg	5	6/15/2021 7:28:57 F	PM 60591
Toluene	20	0.24		mg/Kg	5	6/15/2021 7:28:57 F	PM 60591
Ethylbenzene	17	0.24		mg/Kg	5	6/15/2021 7:28:57 F	PM 60591
Xylenes, Total	36	0.49		mg/Kg	5	6/15/2021 7:28:57 F	PM 60591
Surr: 4-Bromofluorobenzene	172	70-130	S	%Rec	5	6/15/2021 7:28:57 F	PM 60591

Lab ID: 2106711-002 **Collection Date:** 6/10/2021 8:40:00 AM

Client Sample ID: TP2-2 Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analy	st: VP
Chloride	1400	60	mg/Kg	20	6/16/2021 7:08:27 PM	1 60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analy	st: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	6/15/2021 5:17:40 PM	1 60612
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/15/2021 5:17:40 PM	60612
Surr: DNOP	76.1	70-130	%Rec	1	6/15/2021 5:17:40 PM	60612
EPA METHOD 8015D: GASOLINE RANGE					Analy	st: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/15/2021 8:39:41 PM	1 60591
Surr: BFB	107	70-130	%Rec	1	6/15/2021 8:39:41 PM	60591
EPA METHOD 8021B: VOLATILES					Analy	st: NSB
Benzene	ND	0.025	mg/Kg	1	6/15/2021 8:39:41 PM	1 60591
Toluene	ND	0.049	mg/Kg	1	6/15/2021 8:39:41 PM	60591
Ethylbenzene	ND	0.049	mg/Kg	1	6/15/2021 8:39:41 PM	60591
Xylenes, Total	ND	0.098	mg/Kg	1	6/15/2021 8:39:41 PM	60591
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	6/15/2021 8:39:41 PM	1 60591

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 1 of 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-003 **Collection Date:** 6/10/2021 8:50:00 AM

Client Sample ID: TP2-5 Matrix: SOIL

Them Sample ID: 112-3	Wattix; SOIL							
Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch ID		
EPA METHOD 300.0: ANIONS					Anal	yst: VP		
Chloride	570	60	mg/Kg	20	6/16/2021 7:20:52 P	M 60648		
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Anal	yst: TOM		
Diesel Range Organics (DRO)	48	9.7	mg/Kg	1	6/23/2021 5:38:52 P	M 60612		
Motor Oil Range Organics (MRO)	49	48	mg/Kg	1	6/23/2021 5:38:52 P	M 60612		
Surr: DNOP	112	70-130	%Rec	1	6/23/2021 5:38:52 P	M 60612		
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: NSB		
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/15/2021 9:03:09 P	M 60591		
Surr: BFB	114	70-130	%Rec	1	6/15/2021 9:03:09 P	M 60591		
EPA METHOD 8021B: VOLATILES					Anal	yst: NSB		
Benzene	ND	0.025	mg/Kg	1	6/15/2021 9:03:09 P	M 60591		
Toluene	ND	0.050	mg/Kg	1	6/15/2021 9:03:09 P	M 60591		
Ethylbenzene	ND	0.050	mg/Kg	1	6/15/2021 9:03:09 P	M 60591		
Xylenes, Total	ND	0.10	mg/Kg	1	6/15/2021 9:03:09 P	M 60591		
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	6/15/2021 9:03:09 P	M 60591		

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

2106711

CLIENT: GHD Lab Order:

Project: Hornbaker BA Battery

Lab ID: 2106711-004 **Collection Date:** 6/10/2021 9:00:00 AM

Client Sample ID: TP3-2 Matrix: SOIL

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Anal	yst: VP
Chloride	1500	60	mg/Kg	20	6/16/2021 7:33:16 F	PM 60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Anal	yst: TOM
Diesel Range Organics (DRO)	200	10	mg/Kg	1	6/23/2021 3:51:04 F	PM 60612
Motor Oil Range Organics (MRO)	430	50	mg/Kg	1	6/23/2021 3:51:04 F	PM 60612
Surr: DNOP	118	70-130	%Rec	1	6/23/2021 3:51:04 F	PM 60612
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: NSB
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	6/15/2021 9:26:41 F	PM 60591
Surr: BFB	103	70-130	%Rec	5	6/15/2021 9:26:41 F	PM 60591
EPA METHOD 8021B: VOLATILES					Anal	yst: NSB
Benzene	ND	0.12	mg/Kg	5	6/15/2021 9:26:41 F	M 60591
Toluene	ND	0.25	mg/Kg	5	6/15/2021 9:26:41 F	PM 60591
Ethylbenzene	ND	0.25	mg/Kg	5	6/15/2021 9:26:41 F	PM 60591
Xylenes, Total	ND	0.50	mg/Kg	5	6/15/2021 9:26:41 F	PM 60591
Surr: 4-Bromofluorobenzene	95.7	70-130	%Rec	5	6/15/2021 9:26:41 F	PM 60591

Lab ID: 2106711-005 **Collection Date:** 6/10/2021 9:10:00 AM

Client Sample ID: TP3-5 Matrix: SOIL

Analyses	Result	RL (Qual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	980	60	mg/Kg	20	6/16/2021 7:45:41 PM	60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	100	9.7	mg/Kg	1	6/21/2021 4:55:00 PM	60784
Motor Oil Range Organics (MRO)	180	49	mg/Kg	1	6/21/2021 4:55:00 PM	60784
Surr: DNOP	96.4	70-130	%Rec	1	6/21/2021 4:55:00 PM	60784
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	6/15/2021 9:50:07 PM	60591
Surr: BFB	105	70-130	%Rec	5	6/15/2021 9:50:07 PM	60591
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.12	mg/Kg	5	6/15/2021 9:50:07 PM	60591
Toluene	ND	0.25	mg/Kg	5	6/15/2021 9:50:07 PM	60591
Ethylbenzene	ND	0.25	mg/Kg	5	6/15/2021 9:50:07 PM	60591
Xylenes, Total	ND	0.50	mg/Kg	5	6/15/2021 9:50:07 PM	60591
Surr: 4-Bromofluorobenzene	97.8	70-130	%Rec	5	6/15/2021 9:50:07 PM	60591

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 3 of 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-006 **Collection Date:** 6/10/2021 9:20:00 AM

Client Sample ID: TP4-S Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Analyses Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP Chloride ND 60 6/16/2021 7:58:06 PM 60648 mg/Kg 20 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 6/21/2021 4:30:25 PM ND 9.8 mg/Kg 60784 Motor Oil Range Organics (MRO) ND 6/21/2021 4:30:25 PM 60784 49 mg/Kg 1 Surr: DNOP 73.1 70-130 %Rec 6/21/2021 4:30:25 PM 60784 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 6/15/2021 11:23:53 PM 60591 Surr: BFB 105 70-130 %Rec 1 6/15/2021 11:23:53 PM 60591 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 6/15/2021 11:23:53 PM 60591 0.024 mg/Kg Toluene ND 0.049 mg/Kg 6/15/2021 11:23:53 PM 60591 Ethylbenzene ND 0.049 mg/Kg 1 6/15/2021 11:23:53 PM 60591 Xylenes, Total ND 0.098 mg/Kg 6/15/2021 11:23:53 PM 60591 Surr: 4-Bromofluorobenzene 98.8 70-130 %Rec 6/15/2021 11:23:53 PM 60591

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
- 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 4 of 32

Lab Order: **2106711**Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-007 **Collection Date:** 6/10/2021 9:25:00 AM

Client Sample ID: TP4-2 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch I	D
EPA METHOD 300.0: ANIONS					Anal	/st: VP	
Chloride	130	60	mg/Kg	20	6/16/2021 8:10:31 P	M 6064	48
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Anal	/st: SB	
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	6/15/2021 3:49:38 P	M 6061	12
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/15/2021 3:49:38 P	M 6061	12
Surr: DNOP	82.0	70-130	%Rec	1	6/15/2021 3:49:38 P	M 6061	12
EPA METHOD 8015D: GASOLINE RANGE					Anal	/st: NSB	3
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/15/2021 11:47:34	PM 6059	91
Surr: BFB	104	70-130	%Rec	1	6/15/2021 11:47:34	PM 6059	91
EPA METHOD 8021B: VOLATILES					Anal	/st: NSB	3
Benzene	ND	0.025	mg/Kg	1	6/15/2021 11:47:34	PM 6059	91
Toluene	ND	0.049	mg/Kg	1	6/15/2021 11:47:34	PM 6059	91
Ethylbenzene	ND	0.049	mg/Kg	1	6/15/2021 11:47:34	PM 6059	91
Xylenes, Total	ND	0.098	mg/Kg	1	6/15/2021 11:47:34	PM 6059	91
Surr: 4-Bromofluorobenzene	98.5	70-130	%Rec	1	6/15/2021 11:47:34	PM 6059) 1

Lab ID: 2106711-008 **Collection Date:** 6/10/2021 9:30:00 AM

Client Sample ID: TP5-2 Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Anal	yst: VP
Chloride	3400	150	mg/Kg	50	6/17/2021 5:22:37 P	M 60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Anal	yst: SB
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	6/15/2021 4:02:15 P	M 60612
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	6/15/2021 4:02:15 P	M 60612
Surr: DNOP	85.6	70-130	%Rec	1	6/15/2021 4:02:15 P	M 60612
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/16/2021 12:10:54	AM 60591
Surr: BFB	106	70-130	%Rec	1	6/16/2021 12:10:54	AM 60591
EPA METHOD 8021B: VOLATILES					Anal	yst: NSB
Benzene	ND	0.024	mg/Kg	1	6/16/2021 12:10:54	AM 60591
Toluene	ND	0.049	mg/Kg	1	6/16/2021 12:10:54	AM 60591
Ethylbenzene	ND	0.049	mg/Kg	1	6/16/2021 12:10:54	AM 60591
Xylenes, Total	ND	0.098	mg/Kg	1	6/16/2021 12:10:54	AM 60591
Surr: 4-Bromofluorobenzene	99.1	70-130	%Rec	1	6/16/2021 12:10:54	AM 60591

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 5 of 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-009 **Collection Date:** 6/10/2021 9:40:00 AM

Client Sample ID: TP5-5 Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Analyses Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 150 2100 6/17/2021 5:35:02 PM 60648 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 6/15/2021 4:14:54 PM ND 8.7 mg/Kg 60612 Motor Oil Range Organics (MRO) ND 6/15/2021 4:14:54 PM 60612 43 mg/Kg 1 Surr: DNOP 80.2 70-130 %Rec 6/15/2021 4:14:54 PM 60612 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 6/16/2021 12:34:17 AM 60591 Surr: BFB 106 70-130 %Rec 1 6/16/2021 12:34:17 AM 60591 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 6/16/2021 12:34:17 AM 60591 0.025 mg/Kg Toluene ND 0.049 mg/Kg 6/16/2021 12:34:17 AM 60591 Ethylbenzene ND 0.049 mg/Kg 1 6/16/2021 12:34:17 AM 60591 Xylenes, Total ND 0.099 mg/Kg 6/16/2021 12:34:17 AM 60591 Surr: 4-Bromofluorobenzene 99.7 70-130 %Rec 6/16/2021 12:34:17 AM 60591

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 6 of 32

Lab Order: **2106711**Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-010 **Collection Date:** 6/10/2021 9:45:00 AM

Client Sample ID: TP6-2 Matrix: SOIL

Analyses	Result	RL (Qual Units	DF	Date Ana	lyzed Ba	tch ID
EPA METHOD 300.0: ANIONS						Analyst:	VP
Chloride	7200	300	mg/Kg	100	6/17/2021	5:47:26 PM	60648
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst:	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/15/2021	4:27:34 PM	60612
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/15/2021	4:27:34 PM	60612
Surr: DNOP	78.8	70-130	%Rec	1	6/15/2021	4:27:34 PM	60612
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/16/2021	12:57:46 AM	60591
Surr: BFB	106	70-130	%Rec	1	6/16/2021	12:57:46 AM	60591
EPA METHOD 8021B: VOLATILES						Analyst:	NSB
Benzene	ND	0.025	mg/Kg	1	6/16/2021	12:57:46 AM	60591
Toluene	ND	0.049	mg/Kg	1	6/16/2021	12:57:46 AM	60591
Ethylbenzene	ND	0.049	mg/Kg	1	6/16/2021	12:57:46 AM	60591
Xylenes, Total	ND	0.099	mg/Kg	1	6/16/2021	12:57:46 AM	60591
Surr: 4-Bromofluorobenzene	99.9	70-130	%Rec	1	6/16/2021	12:57:46 AM	60591

Lab ID: 2106711-011 **Collection Date:** 6/10/2021 9:55:00 AM

Client Sample ID: TP6-5 Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed I	Batch ID
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	4000	150	mg/Kg	50	6/17/2021 5:59:50 PM	60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	st: SB
Diesel Range Organics (DRO)	ND	8.6	mg/Kg	1	6/15/2021 4:40:12 PM	60612
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	6/15/2021 4:40:12 PM	60612
Surr: DNOP	83.5	70-130	%Rec	1	6/15/2021 4:40:12 PM	60612
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/16/2021 1:21:22 AM	60591
Surr: BFB	104	70-130	%Rec	1	6/16/2021 1:21:22 AM	60591
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	6/16/2021 1:21:22 AM	60591
Toluene	ND	0.049	mg/Kg	1	6/16/2021 1:21:22 AM	60591
Ethylbenzene	ND	0.049	mg/Kg	1	6/16/2021 1:21:22 AM	60591
Xylenes, Total	ND	0.098	mg/Kg	1	6/16/2021 1:21:22 AM	60591
Surr: 4-Bromofluorobenzene	96.8	70-130	%Rec	1	6/16/2021 1:21:22 AM	60591

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 7 of 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-012 **Collection Date:** 6/10/2021 10:00:00 AM

Client Sample ID: TP7-2 Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Analyses Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 1100 60 6/16/2021 9:37:21 PM 60648 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 6/15/2021 4:52:36 PM ND 9.4 mg/Kg 60612 Motor Oil Range Organics (MRO) ND 47 6/15/2021 4:52:36 PM 60612 mg/Kg 1 Surr: DNOP 80.2 70-130 %Rec 6/15/2021 4:52:36 PM 60612 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 6/16/2021 1:44:49 AM 60591 Surr: BFB 104 70-130 %Rec 1 6/16/2021 1:44:49 AM 60591 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 6/16/2021 1:44:49 AM 60591 Toluene ND 0.049 mg/Kg 6/16/2021 1:44:49 AM 60591 Ethylbenzene ND 0.049 mg/Kg 1 6/16/2021 1:44:49 AM 60591 Xylenes, Total ND 0.098 mg/Kg 6/16/2021 1:44:49 AM 60591 Surr: 4-Bromofluorobenzene 97.0 70-130 %Rec 6/16/2021 1:44:49 AM 60591

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 8 of 32

Lab Order: **2106711**Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-013 **Collection Date:** 6/10/2021 10:05:00 AM

Client Sample ID: TP7-5 Matrix: SOIL

Analyses	Result	RL (Qual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	280	60	mg/Kg	20	6/16/2021 9:49:46 PM	60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	6/15/2021 5:30:17 PM	60612
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/15/2021 5:30:17 PM	60612
Surr: DNOP	74.6	70-130	%Rec	1	6/15/2021 5:30:17 PM	60612
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/16/2021 2:08:14 AM	60591
Surr: BFB	105	70-130	%Rec	1	6/16/2021 2:08:14 AM	60591
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	6/16/2021 2:08:14 AM	60591
Toluene	ND	0.050	mg/Kg	1	6/16/2021 2:08:14 AM	60591
Ethylbenzene	ND	0.050	mg/Kg	1	6/16/2021 2:08:14 AM	60591
Xylenes, Total	ND	0.10	mg/Kg	1	6/16/2021 2:08:14 AM	60591
Surr: 4-Bromofluorobenzene	98.3	70-130	%Rec	1	6/16/2021 2:08:14 AM	60591

Lab ID: 2106711-014 **Collection Date:** 6/10/2021 10:10:00 AM

Client Sample ID: TP8-S Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	6/16/2021 10:02:11 PM	60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	6/15/2021 5:42:52 PM	60612
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/15/2021 5:42:52 PM	60612
Surr: DNOP	76.0	70-130	%Rec	1	6/15/2021 5:42:52 PM	60612
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	6/16/2021 2:31:39 AM	60591
Surr: BFB	105	70-130	%Rec	5	6/16/2021 2:31:39 AM	60591
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.12	mg/Kg	5	6/16/2021 2:31:39 AM	60591
Toluene	ND	0.25	mg/Kg	5	6/16/2021 2:31:39 AM	60591
Ethylbenzene	ND	0.25	mg/Kg	5	6/16/2021 2:31:39 AM	60591
Xylenes, Total	ND	0.50	mg/Kg	5	6/16/2021 2:31:39 AM	60591
Surr: 4-Bromofluorobenzene	97.9	70-130	%Rec	5	6/16/2021 2:31:39 AM	60591

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 9 of 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-015 **Collection Date:** 6/10/2021 10:15:00 AM

Client Sample ID: TP8-2 Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Analyses Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 6/16/2021 10:14:35 PM 60648 250 60 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 6/15/2021 5:55:42 PM ND 9.7 mg/Kg 60612 Motor Oil Range Organics (MRO) ND 6/15/2021 5:55:42 PM 60612 49 mg/Kg 1 Surr: DNOP 82.1 70-130 %Rec 6/15/2021 5:55:42 PM 60612 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 6/16/2021 2:55:01 AM 60591 Surr: BFB 106 70-130 %Rec 1 6/16/2021 2:55:01 AM 60591 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 6/16/2021 2:55:01 AM 60591 Toluene ND 0.050 mg/Kg 6/16/2021 2:55:01 AM 60591 Ethylbenzene ND 0.050 mg/Kg 1 6/16/2021 2:55:01 AM 60591 Xylenes, Total ND 0.099 mg/Kg 6/16/2021 2:55:01 AM 60591 Surr: 4-Bromofluorobenzene 99.5 70-130 %Rec 6/16/2021 2:55:01 AM 60591

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 10 of 32

Lab Order: **2106711**Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-016 **Collection Date:** 6/10/2021 10:20:00 AM

Client Sample ID: TP9-2 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analy	st: VP
Chloride	3900	150		mg/Kg	50	6/17/2021 6:12:15 PM	<i>l</i> 60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analy	st: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/17/2021 3:51:56 AM	A 60612
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/17/2021 3:51:56 AM	<i>l</i> 60612
Surr: DNOP	58.4	70-130	S	%Rec	1	6/17/2021 3:51:56 AM	<i>l</i> 60612
EPA METHOD 8015D: GASOLINE RANGE						Analy	st: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2021 3:41:53 AM	A 60591
Surr: BFB	105	70-130		%Rec	1	6/16/2021 3:41:53 AM	<i>l</i> 60591
EPA METHOD 8021B: VOLATILES						Analy	st: NSB
Benzene	ND	0.024		mg/Kg	1	6/16/2021 3:41:53 AM	A 60591
Toluene	ND	0.049		mg/Kg	1	6/16/2021 3:41:53 AM	<i>l</i> 60591
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2021 3:41:53 AM	<i>l</i> 60591
Xylenes, Total	ND	0.097		mg/Kg	1	6/16/2021 3:41:53 AM	<i>l</i> l 60591
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	6/16/2021 3:41:53 AM	<i>l</i> 60591

Lab ID: 2106711-017 **Collection Date:** 6/10/2021 10:25:00 AM

Client Sample ID: TP9-5 Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	3200	150	mg/Kg	50	6/17/2021 6:24:40 PM	60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	st: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	6/15/2021 6:21:02 PM	60612
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/15/2021 6:21:02 PM	60612
Surr: DNOP	79.2	70-130	%Rec	1	6/15/2021 6:21:02 PM	60612
EPA METHOD 8015D: GASOLINE RANGE					Analys	st: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/16/2021 4:05:23 AM	60591
Surr: BFB	106	70-130	%Rec	1	6/16/2021 4:05:23 AM	60591
EPA METHOD 8021B: VOLATILES					Analys	st: NSB
Benzene	ND	0.025	mg/Kg	1	6/16/2021 4:05:23 AM	60591
Toluene	ND	0.049	mg/Kg	1	6/16/2021 4:05:23 AM	60591
Ethylbenzene	ND	0.049	mg/Kg	1	6/16/2021 4:05:23 AM	60591
Xylenes, Total	ND	0.099	mg/Kg	1	6/16/2021 4:05:23 AM	60591
Surr: 4-Bromofluorobenzene	99.6	70-130	%Rec	1	6/16/2021 4:05:23 AM	60591

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 11 of 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-018 **Collection Date:** 6/10/2021 10:40:00 AM

Client Sample ID: TP10-S Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Analyses Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP ND 6/16/2021 11:16:37 PM 60648 Chloride 61 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 6/21/2021 5:44:00 PM ND 9.9 mg/Kg 60784 Motor Oil Range Organics (MRO) ND 6/21/2021 5:44:00 PM 60784 50 mg/Kg 1 Surr: DNOP 77.6 70-130 %Rec 6/21/2021 5:44:00 PM 60784 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 25 mg/Kg 5 6/16/2021 4:28:49 AM 60591 Surr: BFB 107 70-130 %Rec 5 6/16/2021 4:28:49 AM 60591 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.12 mg/Kg 5 6/16/2021 4:28:49 AM 60591 Toluene ND 0.25 mg/Kg 5 6/16/2021 4:28:49 AM 60591 Ethylbenzene ND 0.25 mg/Kg 5 6/16/2021 4:28:49 AM 60591 Xylenes, Total ND 0.50 mg/Kg 6/16/2021 4:28:49 AM 60591 Surr: 4-Bromofluorobenzene 99.7 70-130 %Rec 6/16/2021 4:28:49 AM 60591

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 12 of 32

Lab Order: **2106711**Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-019 **Collection Date:** 6/10/2021 10:45:00 AM

Client Sample ID: TP10-2 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	320	60	mg/Kg	20	6/16/2021 11:29:02 PM	1 60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	6/15/2021 6:46:11 PM	60612
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/15/2021 6:46:11 PM	60612
Surr: DNOP	89.3	70-130	%Rec	1	6/15/2021 6:46:11 PM	60612
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/16/2021 4:52:15 AM	60591
Surr: BFB	106	70-130	%Rec	1	6/16/2021 4:52:15 AM	60591
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	6/16/2021 4:52:15 AM	60591
Toluene	ND	0.049	mg/Kg	1	6/16/2021 4:52:15 AM	60591
Ethylbenzene	ND	0.049	mg/Kg	1	6/16/2021 4:52:15 AM	60591
Xylenes, Total	ND	0.099	mg/Kg	1	6/16/2021 4:52:15 AM	60591
Surr: 4-Bromofluorobenzene	99.7	70-130	%Rec	1	6/16/2021 4:52:15 AM	60591

Lab ID: 2106711-020 **Collection Date:** 6/10/2021 11:00:00 AM

Client Sample ID: TP11-1 Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	1900	60	mg/Kg	20	6/17/2021 12:06:15 AM	1 60648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	6/15/2021 5:15:28 PM	60613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/15/2021 5:15:28 PM	60613
Surr: DNOP	98.7	70-130	%Rec	1	6/15/2021 5:15:28 PM	60613
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/16/2021 3:23:29 PM	60593
Surr: BFB	110	70-130	%Rec	1	6/16/2021 3:23:29 PM	60593
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	6/16/2021 3:23:29 PM	60593
Toluene	ND	0.049	mg/Kg	1	6/16/2021 3:23:29 PM	60593
Ethylbenzene	ND	0.049	mg/Kg	1	6/16/2021 3:23:29 PM	60593
Xylenes, Total	ND	0.098	mg/Kg	1	6/16/2021 3:23:29 PM	60593
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	6/16/2021 3:23:29 PM	60593

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 13 of 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-021 **Collection Date:** 6/10/2021 11:15:00 AM

Client Sample ID: TP12-S Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch ID Analyses EPA METHOD 300.0: ANIONS** Analyst: VP Chloride ND 60 6/16/2021 9:37:42 AM 60667 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 6/21/2021 6:08:32 PM ND 9.7 mg/Kg 60784 Motor Oil Range Organics (MRO) ND 6/21/2021 6:08:32 PM 60784 49 mg/Kg 1 Surr: DNOP 76.1 70-130 %Rec 6/21/2021 6:08:32 PM 60784 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 6/16/2021 3:47:25 PM 60593 Surr: BFB 111 70-130 %Rec 1 6/16/2021 3:47:25 PM 60593 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 6/16/2021 3:47:25 PM 60593 Toluene ND 0.050 mg/Kg 6/16/2021 3:47:25 PM 60593 Ethylbenzene ND 0.050 mg/Kg 1 6/16/2021 3:47:25 PM 60593 Xylenes, Total ND 0.099 mg/Kg 6/16/2021 3:47:25 PM 60593 Surr: 4-Bromofluorobenzene 101 70-130 %Rec 6/16/2021 3:47:25 PM 60593

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

Qualifiers:

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

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

Page 14 of 32

CLIENT:

Analytical Report

Lab Order: 2106711

Date Reported: 6/28/2021

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2106711

GHD Project: Hornbaker BA Battery

Lab ID: 2106711-022 **Collection Date:** 6/10/2021 11:20:00 AM

Matrix: SOIL **Client Sample ID:** TP12-1

Analyses	Result	RL	Qual Units	DF	Date Analyzed Ba	atch ID
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	90	61	mg/Kg	20	6/16/2021 10:14:54 AM	60667
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	6/15/2021 6:53:43 PM	60613
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/15/2021 6:53:43 PM	60613
Surr: DNOP	103	70-130	%Rec	1	6/15/2021 6:53:43 PM	60613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/16/2021 4:11:20 PM	60593
Surr: BFB	111	70-130	%Rec	1	6/16/2021 4:11:20 PM	60593
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	6/16/2021 4:11:20 PM	60593
Toluene	ND	0.049	mg/Kg	1	6/16/2021 4:11:20 PM	60593
Ethylbenzene	ND	0.049	mg/Kg	1	6/16/2021 4:11:20 PM	60593
Xylenes, Total	ND	0.099	mg/Kg	1	6/16/2021 4:11:20 PM	60593
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	6/16/2021 4:11:20 PM	60593

Lab ID: 2106711-023 **Collection Date:** 6/10/2021 12:25:00 PM

Matrix: SOIL Client Sample ID: TP13-2

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analy	rst: VP
Chloride	4600	150	mg/Kg	50	6/18/2021 2:09:48 PM	M 60667
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analy	st: BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/15/2021 7:18:25 PM	И 60613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/15/2021 7:18:25 PM	M 60613
Surr: DNOP	96.8	70-130	%Rec	1	6/15/2021 7:18:25 PM	И 60613
EPA METHOD 8015D: GASOLINE RANGE					Analy	st: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/16/2021 4:35:12 PM	И 60593
Surr: BFB	110	70-130	%Rec	1	6/16/2021 4:35:12 PM	M 60593
EPA METHOD 8021B: VOLATILES					Analy	st: NSB
Benzene	ND	0.024	mg/Kg	1	6/16/2021 4:35:12 PM	И 60593
Toluene	ND	0.049	mg/Kg	1	6/16/2021 4:35:12 PM	M 60593
Ethylbenzene	ND	0.049	mg/Kg	1	6/16/2021 4:35:12 PM	A 60593
Xylenes, Total	ND	0.098	mg/Kg	1	6/16/2021 4:35:12 PM	M 60593
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	6/16/2021 4:35:12 PM	И 60593

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

Qualifiers:

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

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

Page 15 of 32

Lab Order: 2106711

Date Reported: 6/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-024 **Collection Date:** 6/10/2021 12:30:00 PM

Client Sample ID: TP14-S Matrix: SOIL

Chent Sample ID: 1714-5	Matrix: SOIL					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Anal	lyst: VP
Chloride	ND	60	mg/Kg	20	6/16/2021 2:47:53 F	PM 60667
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Anal	lyst: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/17/2021 5:05:07 A	M 60613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/17/2021 5:05:07 A	AM 60613
Surr: DNOP	75.6	70-130	%Rec	1	6/17/2021 5:05:07 A	AM 60613
EPA METHOD 8015D: GASOLINE RANGE					Anal	lyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/16/2021 4:59:08 F	PM 60593
Surr: BFB	110	70-130	%Rec	1	6/16/2021 4:59:08 F	PM 60593
EPA METHOD 8021B: VOLATILES					Anal	lyst: NSB
Benzene	ND	0.025	mg/Kg	1	6/16/2021 4:59:08 F	PM 60593
Toluene	ND	0.049	mg/Kg	1	6/16/2021 4:59:08 F	PM 60593
Ethylbenzene	ND	0.049	mg/Kg	1	6/16/2021 4:59:08 F	PM 60593
Xylenes, Total	ND	0.099	mg/Kg	1	6/16/2021 4:59:08 F	PM 60593
Surr: 4-Bromofluorobenzene	98.6	70-130	%Rec	1	6/16/2021 4:59:08 F	PM 60593

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 16 of 32

CLIENT:

Analytical Report

Lab Order: 2106711

Date Reported: 6/28/2021

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2106711

GHD Project: Hornbaker BA Battery

Lab ID: 2106711-025 **Collection Date:** 6/10/2021 12:35:00 PM

Matrix: SOIL **Client Sample ID:** TP14-2

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analy	st: VP
Chloride	310	60	mg/Kg	20	6/16/2021 3:00:18 PM	60667
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	st: BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	6/15/2021 8:07:43 PM	60613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/15/2021 8:07:43 PM	60613
Surr: DNOP	93.9	70-130	%Rec	1	6/15/2021 8:07:43 PM	60613
EPA METHOD 8015D: GASOLINE RANGE					Analys	st: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/16/2021 5:23:03 PM	60593
Surr: BFB	110	70-130	%Rec	1	6/16/2021 5:23:03 PM	60593
EPA METHOD 8021B: VOLATILES					Analys	st: NSB
Benzene	ND	0.025	mg/Kg	1	6/16/2021 5:23:03 PM	60593
Toluene	ND	0.050	mg/Kg	1	6/16/2021 5:23:03 PM	60593
Ethylbenzene	ND	0.050	mg/Kg	1	6/16/2021 5:23:03 PM	60593
Xylenes, Total	ND	0.10	mg/Kg	1	6/16/2021 5:23:03 PM	60593
Surr: 4-Bromofluorobenzene	99.2	70-130	%Rec	1	6/16/2021 5:23:03 PM	60593

Lab ID: 2106711-026 **Collection Date:** 6/10/2021 12:40:00 PM

Matrix: SOIL Client Sample ID: TP15-1

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	2400	60	mg/Kg	20	6/16/2021 3:12:42 PM	60667
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/15/2021 8:32:15 PM	60613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/15/2021 8:32:15 PM	60613
Surr: DNOP	81.2	70-130	%Rec	1	6/15/2021 8:32:15 PM	60613
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/16/2021 5:46:55 PM	60593
Surr: BFB	111	70-130	%Rec	1	6/16/2021 5:46:55 PM	60593
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	6/16/2021 5:46:55 PM	60593
Toluene	ND	0.049	mg/Kg	1	6/16/2021 5:46:55 PM	60593
Ethylbenzene	ND	0.049	mg/Kg	1	6/16/2021 5:46:55 PM	60593
Xylenes, Total	ND	0.098	mg/Kg	1	6/16/2021 5:46:55 PM	60593
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	6/16/2021 5:46:55 PM	60593

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

Qualifiers:

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

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

Page 17 of 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-027 **Collection Date:** 6/10/2021 12:55:00 PM

Client Sample ID: TP16-S Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch ID Analyses EPA METHOD 300.0: ANIONS** Analyst: VP Chloride ND 60 6/16/2021 3:49:54 PM 60667 mg/Kg 20 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) 6/15/2021 8:56:48 PM ND 9.5 mg/Kg 60613 Motor Oil Range Organics (MRO) ND 6/15/2021 8:56:48 PM 47 mg/Kg 1 60613 Surr: DNOP 83.3 70-130 %Rec 6/15/2021 8:56:48 PM 60613 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 6/16/2021 10:30:20 PM 60593 Surr: BFB 102 70-130 %Rec 1 6/16/2021 10:30:20 PM 60593 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 6/16/2021 10:30:20 PM 60593 0.025 mg/Kg Toluene ND 0.050 mg/Kg 6/16/2021 10:30:20 PM 60593 Ethylbenzene ND 0.050 mg/Kg 1 6/16/2021 10:30:20 PM 60593 Xylenes, Total ND 0.10 mg/Kg 6/16/2021 10:30:20 PM 60593 Surr: 4-Bromofluorobenzene 96.2 70-130 %Rec 6/16/2021 10:30:20 PM 60593

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 18 of 32

CLIENT:

Analytical Report

Lab Order: 2106711 Date Reported: 6/28/2021

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2106711

GHD Project: Hornbaker BA Battery

Lab ID: 2106711-028 **Collection Date:** 6/10/2021 1:00:00 PM

Matrix: SOIL **Client Sample ID:** TP16-2

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	150	60	mg/Kg	20	6/16/2021 4:02:19 PM	60667
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	st: BRM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	6/15/2021 9:21:16 PM	60613
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/15/2021 9:21:16 PM	60613
Surr: DNOP	70.7	70-130	%Rec	1	6/15/2021 9:21:16 PM	60613
EPA METHOD 8015D: GASOLINE RANGE					Analys	st: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/16/2021 10:53:46 P	M 60593
Surr: BFB	103	70-130	%Rec	1	6/16/2021 10:53:46 P	M 60593
EPA METHOD 8021B: VOLATILES					Analys	st: NSB
Benzene	ND	0.025	mg/Kg	1	6/16/2021 10:53:46 P	M 60593
Toluene	ND	0.050	mg/Kg	1	6/16/2021 10:53:46 P	M 60593
Ethylbenzene	ND	0.050	mg/Kg	1	6/16/2021 10:53:46 P	M 60593
Xylenes, Total	ND	0.10	mg/Kg	1	6/16/2021 10:53:46 P	M 60593
Surr: 4-Bromofluorobenzene	95.5	70-130	%Rec	1	6/16/2021 10:53:46 P	M 60593

Lab ID: 2106711-029 **Collection Date:** 6/10/2021 1:10:00 PM

Client Sample ID: TP17-2 Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analy	st: VP
Chloride	2700	150	mg/Kg	50	6/18/2021 7:25:24 AM	60667
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analy	st: BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	6/15/2021 9:45:49 PM	60613
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/15/2021 9:45:49 PM	60613
Surr: DNOP	110	70-130	%Rec	1	6/15/2021 9:45:49 PM	60613
EPA METHOD 8015D: GASOLINE RANGE					Analy	st: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/16/2021 11:17:10 P	M 60593
Surr: BFB	102	70-130	%Rec	1	6/16/2021 11:17:10 P	M 60593
EPA METHOD 8021B: VOLATILES					Analy	st: NSB
Benzene	ND	0.024	mg/Kg	1	6/16/2021 11:17:10 P	M 60593
Toluene	ND	0.049	mg/Kg	1	6/16/2021 11:17:10 P	M 60593
Ethylbenzene	ND	0.049	mg/Kg	1	6/16/2021 11:17:10 P	M 60593
Xylenes, Total	ND	0.097	mg/Kg	1	6/16/2021 11:17:10 P	M 60593
Surr: 4-Bromofluorobenzene	95.3	70-130	%Rec	1	6/16/2021 11:17:10 P	M 60593

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

Qualifiers:

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

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

Page 19 of 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-030 **Collection Date:** 6/10/2021 1:25:00 PM

Client Sample ID: TP18-S Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Analyses Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP Chloride ND 6/16/2021 4:27:09 PM 60 60667 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) 6/15/2021 10:10:18 PM 60613 ND 9.7 mg/Kg Motor Oil Range Organics (MRO) ND 6/15/2021 10:10:18 PM 60613 48 mg/Kg 1 Surr: DNOP 76.0 70-130 %Rec 6/15/2021 10:10:18 PM 60613 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 6/16/2021 11:40:29 PM 60593 Surr: BFB 103 70-130 %Rec 1 6/16/2021 11:40:29 PM 60593 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 6/16/2021 11:40:29 PM 60593 Toluene ND 0.050 mg/Kg 6/16/2021 11:40:29 PM 60593 Ethylbenzene ND 0.050 mg/Kg 1 6/16/2021 11:40:29 PM 60593 Xylenes, Total ND 0.10 mg/Kg 6/16/2021 11:40:29 PM 60593 Surr: 4-Bromofluorobenzene 96.6 70-130 %Rec 6/16/2021 11:40:29 PM 60593

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 20 of 32

Lab Order: **2106711**Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-031 **Collection Date:** 6/10/2021 1:30:00 PM

Client Sample ID: TP18-2 Matrix: SOIL

Analyses	Result	RL (Qual Units	DF	Date Analyzed Batch ID
EPA METHOD 300.0: ANIONS					Analyst: VP
Chloride	66	60	mg/Kg	20	6/16/2021 4:39:33 PM 60667
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/15/2021 10:34:55 PM 60613
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/15/2021 10:34:55 PM 60613
Surr: DNOP	110	70-130	%Rec	1	6/15/2021 10:34:55 PM 60613
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/17/2021 12:03:54 AM 60593
Surr: BFB	102	70-130	%Rec	1	6/17/2021 12:03:54 AM 60593
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	6/17/2021 12:03:54 AM 60593
Toluene	ND	0.048	mg/Kg	1	6/17/2021 12:03:54 AM 60593
Ethylbenzene	ND	0.048	mg/Kg	1	6/17/2021 12:03:54 AM 60593
Xylenes, Total	ND	0.097	mg/Kg	1	6/17/2021 12:03:54 AM 60593
Surr: 4-Bromofluorobenzene	95.6	70-130	%Rec	1	6/17/2021 12:03:54 AM 60593

Lab ID: 2106711-032 **Collection Date:** 6/10/2021 1:40:00 PM

Client Sample ID: TP19-2 Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed Ba	tch ID
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	2100	150	mg/Kg	50	6/18/2021 7:37:48 AM	60667
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/15/2021 10:59:23 PM	60613
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/15/2021 10:59:23 PM	60613
Surr: DNOP	122	70-130	%Rec	1	6/15/2021 10:59:23 PM	60613
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/17/2021 12:27:20 AM	60593
Surr: BFB	103	70-130	%Rec	1	6/17/2021 12:27:20 AM	60593
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.024	mg/Kg	1	6/17/2021 12:27:20 AM	60593
Toluene	ND	0.049	mg/Kg	1	6/17/2021 12:27:20 AM	60593
Ethylbenzene	ND	0.049	mg/Kg	1	6/17/2021 12:27:20 AM	60593
Xylenes, Total	ND	0.098	mg/Kg	1	6/17/2021 12:27:20 AM	60593
Surr: 4-Bromofluorobenzene	96.1	70-130	%Rec	1	6/17/2021 12:27:20 AM	60593

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 21 of 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-033 **Collection Date:** 6/10/2021 1:45:00 PM

Client Sample ID: TP19-5 Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Analyses Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP 6/16/2021 5:04:23 PM Chloride 870 61 60667 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) 6/15/2021 11:23:49 PM 60613 ND 9.9 mg/Kg Motor Oil Range Organics (MRO) ND 6/15/2021 11:23:49 PM 60613 49 mg/Kg 1 Surr: DNOP 95.6 70-130 %Rec 6/15/2021 11:23:49 PM 60613 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 6/17/2021 12:50:39 AM 60593 Surr: BFB 103 70-130 %Rec 1 6/17/2021 12:50:39 AM 60593 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 6/17/2021 12:50:39 AM 60593 Toluene ND 0.049 mg/Kg 6/17/2021 12:50:39 AM 60593 Ethylbenzene ND 0.049 mg/Kg 6/17/2021 12:50:39 AM 60593 1 Xylenes, Total ND 0.097 mg/Kg 6/17/2021 12:50:39 AM 60593 Surr: 4-Bromofluorobenzene 96.5 70-130 %Rec 6/17/2021 12:50:39 AM 60593

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 22 of 32

Lab Order: **2106711**Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

Lab ID: 2106711-034 **Collection Date:** 6/10/2021 1:55:00 PM

Client Sample ID: TP20-S Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analy	rst: VP
Chloride	ND	59	mg/Kg	20	6/16/2021 5:16:48 PI	M 60667
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analy	st: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	6/17/2021 5:29:12 Al	M 60613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/17/2021 5:29:12 Al	M 60613
Surr: DNOP	74.5	70-130	%Rec	1	6/17/2021 5:29:12 Al	M 60613
EPA METHOD 8015D: GASOLINE RANGE					Analy	st: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/17/2021 1:14:06 Al	M 60593
Surr: BFB	103	70-130	%Rec	1	6/17/2021 1:14:06 Al	M 60593
EPA METHOD 8021B: VOLATILES					Analy	st: NSB
Benzene	ND	0.025	mg/Kg	1	6/17/2021 1:14:06 Af	M 60593
Toluene	ND	0.049	mg/Kg	1	6/17/2021 1:14:06 Af	M 60593
Ethylbenzene	ND	0.049	mg/Kg	1	6/17/2021 1:14:06 Al	M 60593
Xylenes, Total	ND	0.098	mg/Kg	1	6/17/2021 1:14:06 Al	M 60593
Surr: 4-Bromofluorobenzene	96.4	70-130	%Rec	1	6/17/2021 1:14:06 AI	И 60593

Lab ID: 2106711-035 **Collection Date:** 6/10/2021 2:00:00 PM

Client Sample ID: TP20-2 Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed E	Satch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	310	60	mg/Kg	20	6/16/2021 5:29:13 PM	60667
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	6/17/2021 5:53:20 AM	60613
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/17/2021 5:53:20 AM	60613
Surr: DNOP	93.6	70-130	%Rec	1	6/17/2021 5:53:20 AM	60613
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/17/2021 1:37:28 AM	60593
Surr: BFB	103	70-130	%Rec	1	6/17/2021 1:37:28 AM	60593
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	6/17/2021 1:37:28 AM	60593
Toluene	ND	0.050	mg/Kg	1	6/17/2021 1:37:28 AM	60593
Ethylbenzene	ND	0.050	mg/Kg	1	6/17/2021 1:37:28 AM	60593
Xylenes, Total	ND	0.099	mg/Kg	1	6/17/2021 1:37:28 AM	60593
Surr: 4-Bromofluorobenzene	96.1	70-130	%Rec	1	6/17/2021 1:37:28 AM	60593

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 23 of 32

Lab Order: 2106711

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/28/2021

CLIENT: GHD Lab Order: 2106711

Project: Hornbaker BA Battery

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- 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 24 of 32

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106711 28-Jun-21**

Client: GHD

Project: Hornbaker BA Battery

Sample ID: MB-60667 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **60667** RunNo: **79104**

Prep Date: 6/16/2021 Analysis Date: 6/16/2021 SeqNo: 2777576 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-60667 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 60667 RunNo: 79104

Prep Date: 6/16/2021 Analysis Date: 6/16/2021 SeqNo: 2777578 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 91.7 90 110

Sample ID: MB-60648 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 60648 RunNo: 79104

Prep Date: 6/15/2021 Analysis Date: 6/16/2021 SeqNo: 2777638 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-60648 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 60648 RunNo: 79104

Prep Date: 6/15/2021 Analysis Date: 6/16/2021 SeqNo: 2777639 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 15 1.5 15.00 0 97.6 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 25 of 32

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106711 28-Jun-21**

Client: GHD

Project: Hornbaker BA Battery

Sample ID: 2106711-020AMS	SampT	SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: TP11-1	Batch	ID: 60 6	613	F						
Prep Date: 6/14/2021	Analysis D	ate: 6/	15/2021	\$	SeqNo: 2	777058	Units: mg/k	ίg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.7	48.31	0	96.0	15	184			
Surr: DNOP	4.7		4.831		98.2	70	130			
Sample ID: 2106711-020AMSI) SampT	уре: М S	SD	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Olivert ID: TD44.4	Datal	ID. 004	240	-	N	0440				

Sample 13. 2100711 020AillOB Camp 1 ypo. IIIOB				100		Ameniou	00 10 M/D. DIC	Joer Italige	o i garrios	
Client ID: TP11-1	Batch	ID: 60 0	613	F	tunNo: 7 9	9118				
Prep Date: 6/14/2021	Analysis D	ate: 6/	15/2021	S	SeqNo: 2	777059	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.9	49.41	0	97.8	15	184	4.03	23.9	
Surr: DNOP	4.9		4.941		99.8	70	130	0	0	

Sample ID: LCS-60613	SampT	ype: LC	S	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch	ID: 60 6	613	R	tunNo: 7 9	9118					
Prep Date: 6/14/2021	Analysis D	ate: 6/	15/2021	SeqNo: 2777078			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	54	10	50.00	0	108	68.9	141				
Surr: DNOP	5.5		5.000		109	70	130				

Sample ID: MB-60613	SampT	уре: МЕ	BLK	Tes	•					
Client ID: PBS	Batch	ID: 60 0	613	F	RunNo: 7 9	9118				
Prep Date: 6/14/2021	Analysis D	ate: 6/	15/2021	8	SeqNo: 2	777079	Units: mg/K	g		
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		101	70	130			

Sample ID: MB-60612	SampT	ype: ME	BLK	Tes	e Organics					
Client ID: PBS	Batch	ID: 60 6	612	F	RunNo: 7 9	9081				
Prep Date: 6/14/2021	Analysis D	ate: 6/	15/2021	S	SeqNo: 27	777096	Units: mg/K	g		
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	11		10.00		109	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

- 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 32

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106711**

28-Jun-21

Client: GHD

Project: Hornbaker BA Battery

Sample ID: LCS-60612 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60612 RunNo: 79081

Prep Date: 6/14/2021 Analysis Date: 6/15/2021 SeqNo: 2777097 Units: mq/Kq

SPK value SPK Ref Val %REC %RPD Analyte Result PQL LowLimit HighLimit **RPDLimit** Qual Diesel Range Organics (DRO) 44 10 50.00 Λ 88.1 68.9 141 Surr: DNOP 4.2 5.000 85.0 130

Sample ID: MB-60764 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 60764 RunNo: 79239

Prep Date: 6/21/2021 Analysis Date: 6/22/2021 SeqNo: 2783029 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP 9.2 10.00 91.7 70 130

Sample ID: LCS-60764 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60764 RunNo: 79239

Prep Date: 6/21/2021 Analysis Date: 6/22/2021 SeqNo: 2783030 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 4.9 5.000 97.5 70 130

Sample ID: MB-60784 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MBLK Client ID: PBS Batch ID: 60784 RunNo: 79243 Prep Date: 6/21/2021 Analysis Date: 6/21/2021 SeqNo: 2783734 Units: mg/Kg %RPD PQL SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Analyte Result Qual Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50
Surr: DNOP 9.6

 Surr: DNOP
 9.6
 10.00
 96.3
 70
 130

Sample ID: LCS-60784 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 60784 RunNo: 79243 Prep Date: 6/21/2021 Analysis Date: 6/21/2021 SeqNo: 2783735 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual

 Diesel Range Organics (DRO)
 48
 10
 50.00
 0
 95.8
 68.9
 141

 Surr: DNOP
 4.5
 5.000
 89.1
 70
 130

Sample ID: 2106711-006AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: TP4-S Batch ID: 60784 RunNo: 79243

Prep Date: 6/21/2021 Analysis Date: 6/21/2021 SeqNo: 2783736 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Diesel Range Organics (DRO) 40 9.7 48.31 0 83.5 15 184

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 27 of 32

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106711 28-Jun-21

Client: GHD

Project: Hornbaker BA Battery

Sample ID: 2106711-006AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: TP4-S Batch ID: 60784 RunNo: 79243

Prep Date: 6/21/2021 Analysis Date: 6/21/2021 SeqNo: 2783736 Units: mq/Kq

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual S Surr: DNOP 3.1 4.831 64.1 70 130

Sample ID: 2106711-006AMSD TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MSD Client ID: TP4-S Batch ID: 60784 RunNo: 79243 Prep Date: 6/21/2021 Analysis Date: 6/21/2021 SeqNo: 2783737 Units: mg/Kg %REC %RPD **RPDLimit** Analyte Result PQL SPK value SPK Ref Val LowLimit HighLimit Qual Diesel Range Organics (DRO) 39 9.7 48.69 79.4 15 184 4.21 23.9 Surr: DNOP 2.9 4.869 59.7 70 130 0 0 S

Sample ID: MB-60765 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 60765 RunNo: 79239 Prep Date: 6/21/2021 Analysis Date: 6/23/2021 SeaNo: 2784807 Units: %Rec Analyte SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Lowl imit 7.3 Surr: DNOP 10.00 73.0 70 130

Sample ID: LCS-60765 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: LCS Client ID: LCSS Batch ID: 60765 RunNo: 79239 Prep Date: 6/21/2021 Analysis Date: 6/23/2021 SeqNo: 2784808 Units: %Rec PQL %REC %RPD **RPDLimit** Result Qual

SPK value SPK Ref Val Analyte LowLimit HighLimit Surr: DNOP 3.7 5.000 74.2 70 130

Sample ID: MB-60870 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 60870 RunNo: 79239 Prep Date: 6/23/2021 Analysis Date: 6/24/2021 SeqNo: 2789223 Units: %Rec %REC Analyte Result PQL SPK value SPK Ref Val LowLimit HighLimit %RPD **RPDLimit** Qual Surr: DNOP 10 10.00 102 70 130

Sample ID: LCS-60870 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60870 RunNo: 79239 Analysis Date: 6/24/2021

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result **PQL** LowLimit HighLimit Qual

Surr: DNOP 5.3 5.000 106 70 130

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

Prep Date: 6/23/2021

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

SeqNo: 2789224

Units: %Rec

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 28 of 32

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106711 28-Jun-21

Client: GHD

Project: Hornbaker BA Battery

Sample ID: mb-60591 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 60591 RunNo: 79078

Prep Date: 6/12/2021 Analysis Date: 6/15/2021 SeqNo: 2775966 Units: mq/Kq

SPK value SPK Ref Val %REC **RPDLimit** Analyte Result PQL LowLimit HighLimit %RPD Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1100 1000 105 70 130

Sample ID: Ics-60591 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 60591 RunNo: 79078

Prep Date: 6/12/2021 Analysis Date: 6/15/2021 SeqNo: 2775967 Units: mg/Kg

HighLimit Analyte Result PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 26 5.0 25.00 O 103 78.6 131 Surr: BFB 1200 1000 122 70 130

Sample ID: mb-60593 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 60593 RunNo: 79119

Prep Date: 6/12/2021 Analysis Date: 6/16/2021 SeqNo: 2777465 Units: mg/Kg

SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result PQL HighLimit Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 1100 1000 108 70 130

Sample ID: Ics-60593 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 60593 RunNo: 79119

Prep Date: 6/12/2021 Analysis Date: 6/16/2021 SeqNo: 2777466 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Result PQL LowLimit HighLimit Qual Gasoline Range Organics (GRO) 28 0 113 5.0 25.00 78 6 131

Surr: BFB 1200 1000 122 70 130

Sample ID: 2106711-020ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: TP11-1 Batch ID: 60593 RunNo: 79119

Prep Date: 6/12/2021 Analysis Date: 6/16/2021 SeqNo: 2777468 Units: mq/Kq

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 24 0 61.3 4.9 24.68 99.1 114 Surr: BFB 1100 987.2 116 70 130

Sample ID: 2106711-020amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: TP11-1 Batch ID: 60593 RunNo: 79119

Prep Date: 6/12/2021 Units: mg/Kg Analysis Date: 6/16/2021 SeqNo: 2777469

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 29 of 32

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106711**

28-Jun-21

Client: GHD

Project: Hornbaker BA Battery

Sample ID: 2106711-020amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: **TP11-1** Batch ID: **60593** RunNo: **79119**

Prep Date: 6/12/2021 Analysis Date: 6/16/2021 SeqNo: 2777469 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0 61.3 1.86 20 Gasoline Range Organics (GRO) 25 4.9 24.70 101 114 Surr: BFB 1100 988.1 116 70 130 0 0

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- 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 30 of 32

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106711**

28-Jun-21

Client: GHD

Project: Hornbaker BA Battery

Sample ID: mb-60591 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 60591 RunNo: 79078

Prep Date: 6/12/2021 Analysis Date: 6/15/2021 SeqNo: 2776013 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Benzene ND 0.025

 Toluene
 ND
 0.050

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

Surr: 4-Bromofluorobenzene 0.99 1.000 99.2 70 130

Sample ID: LCS-60591 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 60591 RunNo: 79078

Prep Date: 6/12/2021 Analysis Date: 6/15/2021 SeqNo: 2776014 Units: mg/Kg

1 10p Bate. 0/12/2021	7 thalyold L	, ato. 0	13/2021	_	204110. Z	770014	Ormo. mg/m	9			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.98	0.025	1.000	0	98.2	80	120				
Toluene	0.98	0.050	1.000	0	97.8	80	120				
Ethylbenzene	0.99	0.050	1.000	0	98.8	80	120				
Xylenes, Total	3.0	0.10	3.000	0	99.5	80	120				
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130				
Odin. 4 Bromondorobonzono	1.0		1.000		.02	, ,	100				

Sample ID: 2106711-001ams	SampT	ype: MS	3	Tes	tCode: El	EPA Method 8021B: Volatiles					
Client ID: TP1-6	Batch	ID: 60	591	F	RunNo: 7 9	9078					
Prep Date: 6/12/2021	Analysis D	ate: 6/	15/2021	9	SeqNo: 2	776017	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	6.4	0.12	0.9843	5.246	112	80	120				
Toluene	21	0.25	0.9843	19.68	183	80	120			S	
Ethylbenzene	19	0.25	0.9843	16.86	168	80	120			S	
Xylenes, Total	41	0.49	2.953	35.98	160	80	120			S	
Surr: 4-Bromofluorobenzene	8.6		4.921		174	70	130			S	

Sample ID: 2106711-001amsd	I SampT	ype: MS	SD	Tes	tCode: El					
Client ID: TP1-6	Batch	ID: 60	591	F	RunNo: 7					
Prep Date: 6/12/2021	Analysis D	ate: 6/	15/2021	9	SeqNo: 2	776018	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	6.1	0.12	0.9852	5.246	84.7	80	120	4.34	20	
Toluene	21	0.25	0.9852	19.68	99.5	80	120	3.90	20	
Ethylbenzene	18	0.25	0.9852	16.86	105	80	120	3.37	20	
Xylenes, Total	40	0.49	2.956	35.98	126	80	120	2.45	20	S
Surr: 4-Bromofluorobenzene	8.5		4.926		173	70	130	0	0	S

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 31 of 32

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106711 28-Jun-21**

Client: GHD

Project: Hornbaker BA Battery

Sample ID: mb-60593 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 60593 RunNo: 79119

Prep Date: 6/12/2021 Analysis Date: 6/16/2021 SeqNo: 2777498 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Benzene
 ND
 0.025

 Toluene
 ND
 0.050

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

Surr: 4-Bromofluorobenzene 0.97 1.000 97.4 70 130

Sample ID: LCS-60593 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 60593 RunNo: 79119

Prep Date: 6/12/2021 Analysis Date: 6/16/2021 SeqNo: 2777499 Units: mg/Kg

Fiep Date. 6/12/2021	Allalysis L	Jaie. 0 /	10/2021		eqivo. Z	111499	Office. Hig/N	y		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	101	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130			

Sample ID: 2106711-021ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: TP12-S Batch ID: 60593 RunNo: 79119

Prep Date: 6/12/2021	Analysis Date: 6/16/2021			S	SeqNo: 2	777502	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	0.9911	0	99.8	80	120			
Toluene	1.0	0.050	0.9911	0	104	80	120			
Ethylbenzene	1.0	0.050	0.9911	0	104	80	120			
Xylenes, Total	3.1	0.099	2.973	0	105	80	120			
Surr: 4-Bromofluorobenzene	0.97		0 9911		98 1	70	130			

Sample ID: 2106711-021amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles

Client ID: **TP12-S** Batch ID: **60593** RunNo: **79119**

Prep Date: 6/12/2021	Analysis [Date: 6/	16/2021	S	SeqNo: 2	777503	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	98.0	80	120	0.883	20	
Toluene	1.0	0.050	1.000	0	104	80	120	0.616	20	
Ethylbenzene	1.1	0.050	1.000	0	105	80	120	1.74	20	
Xylenes, Total	3.2	0.10	3.000	0	105	80	120	1.14	20	
Surr: 4-Bromofluorobenzene	0.97		1.000		97.5	70	130	0	0	

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

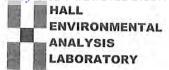
E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 32 of 32



Hall Environmental Analysis Laboratory 4901 Hawkins NE

Website: clients.hallenvironmental.com

Sample Log-In Check List Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Client Name: GH	ID	Work Order Nu	mber: 210	6711			RcptNo:	1
Received By: Isa	aiah Ortiz	6/12/2021 7:56:0	0 AM		I	~	24	
Completed By: Isa	aiah Ortiz	6/12/2021 9:17:2	6 AM		-7	- 9	2	
Reviewed By:	06/12/202							
Chain of Custod	Y							
1. Is Chain of Custoo	dy complete?		Yes	V	No		Not Present	
2. How was the samp	ple delivered?		Cou	rier				
l og In			100					
Log In 3. Was an attempt m	ade to cool the sample	es?	Yes	V	No		NA 🗔	
	and to odd the damp	CO.	165		140		NA 📙	
4. Were all samples r	eceived at a temperat	ure of >0° C to 6.0°C	Yes	~	No		NA 🗆	
5. Sample(s) in prope	er container(s)?		Yes	V	No			
6. Sufficient sample v	olume for indicated te	st(s)?	Yes	V	No	П		
7. Are samples (except			Yes	V	No			
8. Was preservative a			Yes		No	V	NA 🗆	
9. Received at least 1	vial with headspace <	1/4" for AQ VOA?	Yes		No		NA 🗸	4
10. Were any sample of	containers received br	oken?	Yes		No	V	100	70
11.5							# of preserved bottles checked	6.12.21
 Does paperwork ma (Note discrepancies 	atch bottle labels? s on chain of custody)		Yes	V	No		for pH:	>12 unless noted)
12. Are matrices correc			Yes	V	No		Adjusted?	12 dilless floted)
13. Is it clear what anal			Yes	V	No			
 Were all holding time (If no, notify custom) 	nes able to be met? er for authorization.)		Yes	V	No		Checked by:	
Special Handling ((if applicable)							
15. Was client notified		ith this order?	Yes		No		NA 🗹	
Person Notifie	ed:	Date	9:			_		
By Whom:		Via:		ail 🗆	Phone	Fax	In Person	
Regarding:						, un	III i cisoli	
Client Instruc	tions:					_		
16. Additional remarks	8							
17. Cooler Informatio Cooler No Te 1 3.0	mp °C Condition	Seal Intact Seal No Not Present	Seal Da	ate	Signed E	Зу		

	AL	by O	CD: 4	4/26/	202	2 2	2:11:08 F	PM (N	V Or	() sə	lddu8 זiA													5	Pago	e 85 o
1 of 3	HALL ENVIRONMENTA	llenvironmental com	4901 Hawkins NE - Albuquerque, NM 87109		Analysis Request	(+)	SO / MRG	3 \ DE (1)	GEG (CE)	thod thod thod 310 310; 1,10;	TPH (Me EDB (Me RCRA 8 I Anions (F 8081 Pes 8250 (Se 82570 (Se												M	si Pecse eurol Zech comme CAD con		1- Bill to 206 chase Soffle
			49	Ţ		_			_		8TEX + N												/	Remarks:		Onco
	Rush S-Ac	0	BA RHEN	6	S	11 1	our Larson	Compo	ON 0	7.1 40.1 (1.1	HEAL No.	100	2(10)	003	400	SOS	900	700	800	500	010	011	2/	Date Time	Date Time	x 6-12-21 0756
Time:		.: ::	7		2000	CI .Jobe	21	Such The	Dorothiro	Del attric	Preservative Type													AAA		Colle
Turn-Around Time:	⊠ Standard	Project Name:	Hamp	Project #:	=	Project Manager		Sampler:	Cample Temperature:	Sample Lem	Container Type and #	der										()	A	Received by:	Received by:	100
Chain-of-Custody Record				108 A. L. NIM 86210	7-4218	JUNE CUD See	S. H. C.				Sample Request ID	TP1-6	TP2-2	TP2-5	TP3-2	TP3-5	TP4-5	TP4-2	TPS-2	TPS-S	TPC-2	T-26-5	7-7-7	Mr. July:	lby:	1900 Chumpa
of-Cu				15 KM	12 (L H	165 S.	□ Other			Matrix	0											2	Relinquished by:	Relinquished by:	Cler
hain-c	STS STS		Address:	Main	(8)	Fax#: 12	1 1	ation	EDD (Type)	l ype)	Time	0830	2840	2850	3900	310	0260	0925	5930	3940	2945	ASS	2	Time: R		ИОО
	Client:		Mailing Address:	324 1	Phone #:	email or Fax#:	QA/QC Package:	Accreditation			Date	CHOROZY (7)	7		_		7			7	>	Date: T		16 July 18 18 18 18 18 18 18 18 18 18 18 18 18

Rece	ived b	y 0 (C D : 4	4/26/	202	2 2:11:08	$PM_{\overline{(}}$	N 10	(Y o	Air Bubbles														Pa	ge 86 of
:	. >																						570		
į	KONMEN I AL LABORATOR							-												-	-		wino @ CHD. co.		7
ĺ	KONMEN		60			QQS	(0)	17	7	Monda	-											A	3	3	N isign
į		E	Albuquerque, NM 87109	505-345-4107			7) ((A	ΟΛ-	MS2) 0728											_		3	3	1 94
(AC	al.co	Z.	345-	uest				(A	8260B (VO													- 27	0	Les
	-	nent	erque	505	Request	CB,2	082 F	8/	səpi	8081 Pestio													0	1st	/ in
	YSIS	www.hallenvironmental.com	ndne	Fax		(†OS'†O	10 ² ,P	ν,ες	N'IC	O,∃) anoinA													Sech	54	200
0	YSI	llenv	- Alb		Analysis				stals	RCRA 8 Me													N	7	A selling
. 7 .	ANAL	w.ha	빌	975	,	(SN				168) a'HA9										Ш			-31-	_5	- P 50
	AN	W	4901 Hawkins NE	505-345-3975						EDB (Weth													0	L. F	J. Z
			Haw	05-3						TPH (Meth	1									Щ	Ц		CCS	8	5
			901 F	Tel. 5		V			-	TPH 8015B	_											>	(S:	B	- 2
			4	-						BTEX + MT													Remarks:		
			_			(FS08)	s'aN	<u>Ι</u> ΙΤ +	.BE	BTEX + MT	- 5										Ë	>	Re		
									0.0		013	210	510	910	0,1	018	510	90	3	270	220	470	0 <	%00 me	All Mymmes I all the consideration in the consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of this consideration of the consideration of this constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the const
	57	1	3	1					3	HEAL NO.		9)	O)	O	0	J	0	0	0	0	Til.	- Sime	0756
	3	0	70						والد	HEAL N													Date	Date	30,40
	5		~			=	1-	9	0.1.	7													O o	Ö	12.21.9
	lsh		N			teske	Se	3 4	2.9.40			-	=											0	وز
	□ Rush		٢		0	=	3	S		Preservative Type													*	1	٤,
ime:			3		898	i. 3	3	Yes	eratu	rese														7	Oching
Turn-Around Time:	ard	ame:	-5		123	Project Manage	J. 1.	34	Sample Temperature:															7	8
Aron	Standard	Project Name:	LOVA	ct #:	-	ct Ma	ler:	isi	le Te	Container Type and #	,												Received by:	Received by:	
nrn-	St	rojec	1	Project #:		rojec	Sampler:	On Ice:	amp	Con	Ter												eceive	- Celve	
<u> </u>	~	<u>α</u>		<u>а</u>		13		O	S		1			Ť									×		
70						2.5	ation		Ш	± t													\	1	0
0						AD conscious	allda			senl	1				1						0.1	50	-	7	3
ec				210		Afril @ CAD. com	5			Sample Request ID	N	S	2	2	5	8-0	2-0	-	8-2	1-1	5-2	7-1		0%	
>				1288	00	3 55	4			ble	5	à	00	65	8	Pic	Pic	0	R	Pi	0	2/0		2	1
00				NO	4218	# Hr. 6	eve			sam	4	E	仁	4	-	-	1-	1-	1	1-	1-	1		out.	. 3
ISt				115	-):	19 4 3	5	-		0)		1											d pa	S of Do	3
Ş				100	S	4.00		□ Other		Matrix	S												Relinquished by:	Relinquished by:	Mumare
of.	9			STA	3	19/10				M	V)												Relin	1/1 =	3
Chain-of-Custody Record	0		ress	V2	305)	x#: (pe)	Time	COST	DIO	5101	20	3	1040	5	2	1	120	225	2		3	
ha			Add	D.Meily	#	Pack:	itatio	AP	(Ty	Ē		01	2	1020	1025	0	1045	10	=	1	12	12	Time:	283 F	1900
O	Client:		Mailing Address:	3	Phone #:	email or Fax#: (QA/QC Package:	☐ Standard Accreditation	□ NELAP	□ EDD (Type)	Date	Zinzozi													120	
D 1	0		ĬŽ.	3241	전	5 8	٦ ۵				Ric												Date:	261Mozt	10

	Shain-	-of-Cu	Chain-of-Custody Record	Turn-Around Tim	ime:				1	5	U	\sim				
Client:	GHR	0		Standard	□ Rush	5-5			Ì	HALL	EN S	NVI	20		RONMENTAL	, >
to Im				Project Name:						od ww	www.hallenvironmental.com			5	5	in .
	Mailing Address:	12		Horn	Cer B	A Rothers	4	901 H	4901 Hawkins NE	N.	Albud	Albuquerque, NM 87109	le. N	M 871	60	CD:
7h78 g: 4/	J. Mark	SISUL	The 108 Achest AMBROIC	Project #:				Tel. 50	505-345-3975	3975	Fax	× 505	505-345-4107	4107	3	4/26/
# Bhone #:	#: (5)	55 (30	7-4218	11228	980					4	Analysis		Request		000	/202
	email or Fax#: (Becken 1	Lishella GHI), can	Project Manager:	er: Becke	Hastell	_	_	H			-			00	2 2:
	QA/QC Package:	Charge Town.	Lange Controllers Color		John John	Lovson				(SMI	73 00				26	11:08 F
	Accreditation □ NELAP	□ Other		Sampler: C	Zel Col	orulpe ON O	11/4/14			20 334 67	ON			(4	ct ko	M (N)
□ EDD	(Type)			Temp	6.7	140.1 KF 3.6.4							()	/O/	N	o Y)
Date	Time	Matrix	Sample Request ID	Container F	Preservative Type		EX + MT	8015B	odieM) H	B (Metho) PS (831)	9M 8 AЯ:	O,7) anoi oite97 18	4OV) 808	-imə2) 07	مامدنظد	Bubbles
W Inson		V	TB4-7	+		1119012					_		820	.28	7	ліА
2000)	7-1-17	7			_	-	+		+	+				1
+	1240	4	TPIS-1			920	+	-	+							1
	1255		TP16-S			120										
	1300		2-910-1			820										
	1310		TP17-2			029										
	1325		7-81-S			030										
	1330		TP18-2			051							100			
	1340		TPR-2			032										
	1345		S-61d1			0.53										
	1355		T-720-8			750										
1	307	>	TP20-2	7		035	<u> </u>	>						2		
- la	Time.	Relinquished by:	pd hv.	Received hv.		Date Time					-					
Children	0800	73	Cours of the	Mun	Art.	- 2		1-3	lease	3	当当	ch. c	1.stel	0	clove con	<
Date:		Kelinquished by:	o pa	Received by:	20	Date Time	(_	0							age (
100	1900	JUMANA Samples subm	1900 WAMLUAANOO	ontracted to other accr	Course (6-12-21 0156 Our chillips of this possibility. Any sub-contracted data will be clearly notated on the analytical report	Cossibility	Anv sub	- IS	ed data	will be cle	S Sarly nota	La La	5 C	SC# A	87 of .
			•													288



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

June 24, 2021

Tom Larson GHD 6121 Indian School Road, NE #200 Albuquerque, NM 87110 TEL: (505) 884-0672

FAX

RE: Hornbaker BA Battery OrderNo.: 2106816

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 12 sample(s) on 6/16/2021 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 Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

CLIENT:

Analytical Report

Lab Order: 2106816 Date Reported: 6/24/2021

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2106816

GHD Project: Hornbaker BA Battery

Lab ID: 2106816-001 Collection Date: 6/11/2021 9:00:00 AM

Matrix: SOIL **Client Sample ID:** TP5-8

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Ana	lyst: VP
Chloride	2900	150	mg/Kg	50	6/21/2021 7:44:28	AM 60733
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Ana	lyst: BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/19/2021 12:39:13	AM 60694
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/19/2021 12:39:13	AM 60694
Surr: DNOP	97.9	70-130	%Rec	1	6/19/2021 12:39:13	AM 60694
EPA METHOD 8015D: GASOLINE RANGE					Ana	lyst: RAA
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/19/2021 3:03:00	AM 60684
Surr: BFB	103	70-130	%Rec	1	6/19/2021 3:03:00	AM 60684
EPA METHOD 8021B: VOLATILES					Ana	lyst: RAA
Benzene	ND	0.024	mg/Kg	1	6/19/2021 3:03:00	AM 60684
Toluene	ND	0.047	mg/Kg	1	6/19/2021 3:03:00	AM 60684
Ethylbenzene	ND	0.047	mg/Kg	1	6/19/2021 3:03:00	AM 60684
Xylenes, Total	ND	0.095	mg/Kg	1	6/19/2021 3:03:00	AM 60684
Surr: 4-Bromofluorobenzene	87.2	70-130	%Rec	1	6/19/2021 3:03:00 /	AM 60684

Lab ID: 2106816-002 **Collection Date:** 6/11/2021 9:20:00 AM

Matrix: SOIL Client Sample ID: TP5-10

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	2200	150	mg/Kg	50	6/21/2021 7:56:53 AM	60733
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	6/19/2021 1:03:48 AM	60694
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/19/2021 1:03:48 AM	60694
Surr: DNOP	100	70-130	%Rec	1	6/19/2021 1:03:48 AM	60694
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: RAA
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/19/2021 4:03:00 AM	60684
Surr: BFB	101	70-130	%Rec	1	6/19/2021 4:03:00 AM	60684
EPA METHOD 8021B: VOLATILES					Analys	t: RAA
Benzene	ND	0.023	mg/Kg	1	6/19/2021 4:03:00 AM	60684
Toluene	ND	0.047	mg/Kg	1	6/19/2021 4:03:00 AM	60684
Ethylbenzene	ND	0.047	mg/Kg	1	6/19/2021 4:03:00 AM	60684
Xylenes, Total	ND	0.094	mg/Kg	1	6/19/2021 4:03:00 AM	60684
Surr: 4-Bromofluorobenzene	86.0	70-130	%Rec	1	6/19/2021 4:03:00 AM	60684

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

Qualifiers:

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

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL

Page 1 of 12

CLIENT:

Analytical Report

Lab Order: 2106816 Date Reported: 6/24/2021

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2106816

GHD Project: Hornbaker BA Battery

Lab ID: 2106816-003 **Collection Date:** 6/11/2021 10:05:00 AM

TD6 6

Client Sample ID: TP6-6			Matrix	: SC	OIL	
Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Ana	lyst: VP
Chloride	4900	150	mg/Kg	50	6/21/2021 8:09:16 A	AM 60736
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Ana	lyst: BRM
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	6/19/2021 1:28:27 A	AM 60694
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	6/19/2021 1:28:27 A	AM 60694
Surr: DNOP	92.9	70-130	%Rec	1	6/19/2021 1:28:27 A	AM 60694
EPA METHOD 8015D: GASOLINE RANGE					Ana	lyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/19/2021 4:23:00 A	AM 60684
Surr: BFB	103	70-130	%Rec	1	6/19/2021 4:23:00 A	AM 60684
EPA METHOD 8021B: VOLATILES					Ana	lyst: RAA
Benzene	ND	0.024	mg/Kg	1	6/19/2021 4:23:00 A	AM 60684
Toluene	ND	0.048	mg/Kg	1	6/19/2021 4:23:00 A	AM 60684
Ethylbenzene	ND	0.048	mg/Kg	1	6/19/2021 4:23:00 A	AM 60684
Xylenes, Total	ND	0.097	mg/Kg	1	6/19/2021 4:23:00 A	AM 60684
Surr: 4-Bromofluorobenzene	87.9	70-130	%Rec	1	6/19/2021 4:23:00 A	AM 60684

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

Qualifiers:

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

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

Page 2 of 12

Lab Order: **2106816**Date Reported: **6/24/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106816

Project: Hornbaker BA Battery

Lab ID: 2106816-004 **Collection Date:** 6/11/2021 11:00:00 AM

Client Sample ID: TP6-10 Matrix: SOIL

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Anal	yst: VP
Chloride	920	60	mg/Kg	20	6/19/2021 4:38:25 A	M 60736
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Anal	yst: BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/19/2021 1:52:55 A	M 60694
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/19/2021 1:52:55 A	M 60694
Surr: DNOP	80.2	70-130	%Rec	1	6/19/2021 1:52:55 A	M 60694
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/19/2021 4:43:00 A	M 60684
Surr: BFB	102	70-130	%Rec	1	6/19/2021 4:43:00 A	M 60684
EPA METHOD 8021B: VOLATILES					Anal	yst: RAA
Benzene	ND	0.024	mg/Kg	1	6/19/2021 4:43:00 A	M 60684
Toluene	ND	0.048	mg/Kg	1	6/19/2021 4:43:00 A	M 60684
Ethylbenzene	ND	0.048	mg/Kg	1	6/19/2021 4:43:00 A	M 60684
Xylenes, Total	ND	0.096	mg/Kg	1	6/19/2021 4:43:00 A	M 60684
Surr: 4-Bromofluorobenzene	87.0	70-130	%Rec	1	6/19/2021 4:43:00 A	M 60684

Lab ID: 2106816-005 **Collection Date:** 6/11/2021 11:20:00 AM

Client Sample ID: TP9-6 Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analy	/st: VP
Chloride	710	60	mg/Kg	20	6/19/2021 4:50:49 A	M 60736
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analy	yst: BRM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	6/19/2021 2:17:26 A	M 60694
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/19/2021 2:17:26 A	M 60694
Surr: DNOP	92.6	70-130	%Rec	1	6/19/2021 2:17:26 A	M 60694
EPA METHOD 8015D: GASOLINE RANGE					Analy	yst: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/19/2021 5:03:00 A	M 60684
Surr: BFB	105	70-130	%Rec	1	6/19/2021 5:03:00 A	M 60684
EPA METHOD 8021B: VOLATILES					Analy	yst: RAA
Benzene	ND	0.025	mg/Kg	1	6/19/2021 5:03:00 A	M 60684
Toluene	ND	0.050	mg/Kg	1	6/19/2021 5:03:00 A	M 60684
Ethylbenzene	ND	0.050	mg/Kg	1	6/19/2021 5:03:00 A	M 60684
Xylenes, Total	ND	0.10	mg/Kg	1	6/19/2021 5:03:00 A	M 60684
Surr: 4-Bromofluorobenzene	87.3	70-130	%Rec	1	6/19/2021 5:03:00 A	M 60684

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 Limi

Page 3 of 12

Lab Order: 2106816

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/24/2021

CLIENT: GHD Lab Order: 2106816

Project: Hornbaker BA Battery

Lab ID: 2106816-006 **Collection Date:** 6/11/2021 11:50:00 AM

Client Sample ID: TP11-3 Matrix: SOIL

Chefit Sample ID: 1111-3			Matrix	: SC	/IL	
Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Ana	lyst: VP
Chloride	1400	59	mg/Kg	20	6/19/2021 5:03:13	AM 60736
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Ana	lyst: BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	6/19/2021 2:41:51	AM 60694
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/19/2021 2:41:51	AM 60694
Surr: DNOP	92.8	70-130	%Rec	1	6/19/2021 2:41:51 A	AM 60694
EPA METHOD 8015D: GASOLINE RANGE					Ana	lyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/19/2021 5:22:00 A	AM 60684
Surr: BFB	104	70-130	%Rec	1	6/19/2021 5:22:00 A	AM 60684
EPA METHOD 8021B: VOLATILES					Ana	lyst: RAA
Benzene	ND	0.025	mg/Kg	1	6/19/2021 5:22:00 A	AM 60684
Toluene	ND	0.049	mg/Kg	1	6/19/2021 5:22:00 A	AM 60684
Ethylbenzene	ND	0.049	mg/Kg	1	6/19/2021 5:22:00 A	AM 60684
Xylenes, Total	ND	0.099	mg/Kg	1	6/19/2021 5:22:00 A	AM 60684
Surr: 4-Bromofluorobenzene	86.9	70-130	%Rec	1	6/19/2021 5:22:00 A	AM 60684

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 4 of 12

Lab Order: **2106816**Date Reported: **6/24/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106816

Project: Hornbaker BA Battery

Lab ID: 2106816-007 **Collection Date:** 6/11/2021 12:30:00 PM

Client Sample ID: TP11-5 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	ID
EPA METHOD 300.0: ANIONS					Ana	yst: VP)
Chloride	610	60	mg/Kg	20	6/19/2021 5:40:27 A	M 607	736
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Anal	yst: BR	RM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/19/2021 3:06:32 A	M 606	694
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/19/2021 3:06:32 A	.M 606	694
Surr: DNOP	82.6	70-130	%Rec	1	6/19/2021 3:06:32 A	M 606	694
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: RA	۱A
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/19/2021 5:42:00 A	M 606	684
Surr: BFB	96.6	70-130	%Rec	1	6/19/2021 5:42:00 A	.M 606	684
EPA METHOD 8021B: VOLATILES					Anal	yst: RA	۱A
Benzene	ND	0.024	mg/Kg	1	6/19/2021 5:42:00 A	.M 606	684
Toluene	ND	0.049	mg/Kg	1	6/19/2021 5:42:00 A	M 606	684
Ethylbenzene	ND	0.049	mg/Kg	1	6/19/2021 5:42:00 A	M 606	684
Xylenes, Total	ND	0.097	mg/Kg	1	6/19/2021 5:42:00 A	.M 606	684
Surr: 4-Bromofluorobenzene	82.3	70-130	%Rec	1	6/19/2021 5:42:00 A	.M 606	684

Lab ID: 2106816-008 **Collection Date:** 6/11/2021 12:50:00 PM

Client Sample ID: TP13-5 Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Ana	alyst: VP
Chloride	5200	300	mg/Kg	100	6/21/2021 8:21:41	AM 60736
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	alyst: BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	6/19/2021 3:31:06	AM 60694
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/19/2021 3:31:06	AM 60694
Surr: DNOP	91.6	70-130	%Rec	1	6/19/2021 3:31:06	AM 60694
EPA METHOD 8015D: GASOLINE RANGE					Ana	alyst: RAA
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	6/19/2021 6:02:00	AM 60684
Surr: BFB	98.3	70-130	%Rec	1	6/19/2021 6:02:00	AM 60684
EPA METHOD 8021B: VOLATILES					Ana	alyst: RAA
Benzene	ND	0.023	mg/Kg	1	6/19/2021 6:02:00	AM 60684
Toluene	ND	0.046	mg/Kg	1	6/19/2021 6:02:00	AM 60684
Ethylbenzene	ND	0.046	mg/Kg	1	6/19/2021 6:02:00	AM 60684
Xylenes, Total	ND	0.091	mg/Kg	1	6/19/2021 6:02:00	AM 60684
Surr: 4-Bromofluorobenzene	84.3	70-130	%Rec	1	6/19/2021 6:02:00	AM 60684

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 5 of 12

Lab Order: 2106816

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/24/2021

CLIENT: GHD Lab Order: 2106816

Project: Hornbaker BA Battery

Lab ID: 2106816-009 **Collection Date:** 6/11/2021 1:20:00 PM

Client Sample ID: TP15-6 Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Analyses Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 150 3300 6/21/2021 8:34:05 AM 60736 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 6/21/2021 9:50:10 PM 900 19 mg/Kg 2 60694 Motor Oil Range Organics (MRO) 400 97 2 6/21/2021 9:50:10 PM mg/Kg 60694 Surr: DNOP 109 70-130 %Rec 2 6/21/2021 9:50:10 PM 60694 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) 34 4.8 mg/Kg 1 6/19/2021 6:22:00 AM 60684 Surr: BFB 207 70-130 S %Rec 1 6/19/2021 6:22:00 AM 60684 **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 6/19/2021 6:22:00 AM 60684 Toluene ND 0.048 mg/Kg 6/19/2021 6:22:00 AM 60684 Ethylbenzene ND 0.048 mg/Kg 1 6/19/2021 6:22:00 AM 60684 Xylenes, Total 0.42 0.096 mg/Kg 6/19/2021 6:22:00 AM 60684 Surr: 4-Bromofluorobenzene 136 70-130 %Rec 6/19/2021 6:22:00 AM 60684 S

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 6 of 12

Lab Order: **2106816**Date Reported: **6/24/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106816

Project: Hornbaker BA Battery

Lab ID: 2106816-010 **Collection Date:** 6/11/2021 1:30:00 PM

Client Sample ID: TP15-10 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analy	yst: VP
Chloride	2200	60		mg/Kg	20	6/19/2021 6:17:40 A	M 60736
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analy	yst: SB
Diesel Range Organics (DRO)	800	19		mg/Kg	2	6/21/2021 10:14:34 F	PM 60694
Motor Oil Range Organics (MRO)	340	95		mg/Kg	2	6/21/2021 10:14:34 F	PM 60694
Surr: DNOP	107	70-130		%Rec	2	6/21/2021 10:14:34	PM 60694
EPA METHOD 8015D: GASOLINE RANGE						Analy	yst: RAA
Gasoline Range Organics (GRO)	43	4.7		mg/Kg	1	6/19/2021 7:42:00 A	M 60684
Surr: BFB	217	70-130	S	%Rec	1	6/19/2021 7:42:00 A	M 60684
EPA METHOD 8021B: VOLATILES						Analy	yst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2021 7:42:00 A	M 60684
Toluene	ND	0.047		mg/Kg	1	6/19/2021 7:42:00 A	M 60684
Ethylbenzene	0.054	0.047		mg/Kg	1	6/19/2021 7:42:00 A	M 60684
Xylenes, Total	0.56	0.095		mg/Kg	1	6/19/2021 7:42:00 A	M 60684
Surr: 4-Bromofluorobenzene	146	70-130	S	%Rec	1	6/19/2021 7:42:00 A	M 60684

Lab ID: 2106816-011 **Collection Date:** 6/11/2021 1:50:00 PM

Client Sample ID: TP17-4 Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Anal	yst: VP
Chloride	1600	59	mg/Kg	20	6/19/2021 6:30:04 A	M 60736
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Anal	yst: BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/19/2021 4:44:37 A	M 60694
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/19/2021 4:44:37 A	M 60694
Surr: DNOP	88.3	70-130	%Rec	1	6/19/2021 4:44:37 A	M 60694
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: RAA
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/19/2021 8:02:00 A	M 60684
Surr: BFB	111	70-130	%Rec	1	6/19/2021 8:02:00 A	M 60684
EPA METHOD 8021B: VOLATILES					Anal	yst: RAA
Benzene	ND	0.024	mg/Kg	1	6/19/2021 8:02:00 A	M 60684
Toluene	ND	0.047	mg/Kg	1	6/19/2021 8:02:00 A	M 60684
Ethylbenzene	ND	0.047	mg/Kg	1	6/19/2021 8:02:00 A	M 60684
Xylenes, Total	ND	0.095	mg/Kg	1	6/19/2021 8:02:00 A	M 60684
Surr: 4-Bromofluorobenzene	85.6	70-130	%Rec	1	6/19/2021 8:02:00 A	M 60684

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- 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 7 of 12

CLIENT:

Analytical Report

Lab Order: 2106816 Date Reported: 6/24/2021

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2106816

GHD Project: Hornbaker BA Battery

Lab ID: 2106816-012 Collection Date: 6/11/2021 2:05:00 PM

TP19-6 Matrix: SOIL **Client Sample ID:**

Result **RL Oual Units DF** Date Analyzed **Analyses Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 720 60 6/19/2021 6:42:29 AM 60736 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 9.6 mg/Kg 6/19/2021 5:09:08 AM 60694 Motor Oil Range Organics (MRO) ND 6/19/2021 5:09:08 AM 48 mg/Kg 1 60694 Surr: DNOP 93.1 70-130 %Rec 6/19/2021 5:09:08 AM 60694 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 4.8 mg/Kg 1 6/19/2021 8:21:00 AM 60684 Surr: BFB 104 70-130 %Rec 1 6/19/2021 8:21:00 AM 60684 **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 6/19/2021 8:21:00 AM 60684 Toluene ND 0.048 mg/Kg 6/19/2021 8:21:00 AM 60684 Ethylbenzene ND 0.048 mg/Kg 1 6/19/2021 8:21:00 AM 60684 Xylenes, Total ND 0.097 mg/Kg 6/19/2021 8:21:00 AM 60684 Surr: 4-Bromofluorobenzene 88.4 70-130 %Rec 6/19/2021 8:21:00 AM 60684

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

Qualifiers:

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

- Analyte detected in the associated Method Blank
- \mathbf{E} Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 8 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106816**

24-Jun-21

Client: GHD

Project: Hornbaker BA Battery

Sample ID: MB-60733 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **60733** RunNo: **79166**

Prep Date: 6/18/2021 Analysis Date: 6/18/2021 SegNo: 2780115 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-60733 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 60733 RunNo: 79166

Prep Date: 6/18/2021 Analysis Date: 6/18/2021 SeqNo: 2780116 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 15 1.5 15.00 0 99.1 90 110

Sample ID: MB-60736 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **60736** RunNo: **79166**

Prep Date: 6/18/2021 Analysis Date: 6/18/2021 SeqNo: 2780181 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-60736 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 60736 RunNo: 79166

Prep Date: 6/18/2021 Analysis Date: 6/18/2021 SeqNo: 2780182 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.8 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 9 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106816 24-Jun-21**

Client: GHD

Project: Hornbaker BA Battery

Sample ID: LCS-60694 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60694 RunNo: 79223

Prep Date: 6/17/2021 Analysis Date: 6/18/2021 SeqNo: 2781759 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD Analyte Result PQL LowLimit HighLimit **RPDLimit** Qual Diesel Range Organics (DRO) 46 10 50.00 Λ 91.9 68.9 141 Surr: DNOP 4.6 5.000 91.3 130

Sample ID: LCS-60743 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60743 RunNo: 79223

Prep Date: 6/18/2021 Analysis Date: 6/19/2021 SeqNo: 2781761 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 5.1 5.000 102 70 130

Sample ID: LCS-60744 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60744 RunNo: 79223

Prep Date: 6/18/2021 Analysis Date: 6/20/2021 SeqNo: 2781762 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 4.6 5.000 92.5 70 130

Sample ID: MB-60694 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 60694 RunNo: 79223

Prep Date: 6/17/2021 Analysis Date: 6/18/2021 SeqNo: 2781763 Units: mg/Kg

%RPD PQL SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Analyte Result Qual Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 10.00 70 9.2 92.0 130

Sample ID: MB-60743 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

 Client ID:
 PBS
 Batch ID:
 60743
 RunNo:
 79223

 Prep Date:
 6/18/2021
 Analysis Date:
 6/19/2021
 SeqNo:
 2781765
 Units:
 %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 9.5 10.00 95.4 70 130

Sample ID: MB-60744 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 60744 RunNo: 79223

Prep Date: 6/18/2021 Analysis Date: 6/20/2021 SeqNo: 2781766 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 9.9 10.00 99.3 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 10 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106816 24-Jun-21**

Client: GHD

Project: Hornbaker BA Battery

Sample ID: LCS-60684 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 60684 RunNo: 79188

Prep Date: 6/16/2021 Analysis Date: 6/19/2021 SeqNo: 2780413 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO) 25 5.0 25.00 0 101 78.6 131

 Gasoline Range Organics (GRO)
 25
 5.0
 25.00
 0
 101
 78.6
 131

 Surr: BFB
 1200
 1000
 117
 70
 130

Sample ID: MB-60684 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 60684 RunNo: 79188

Prep Date: 6/16/2021 Analysis Date: 6/19/2021 SeqNo: 2780414 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1000 1000 103 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 Quantitative 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 11 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106816 24-Jun-21**

Client: GHD

Project: Hornbaker BA Battery

Sample ID: LCS-60684	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles			
Client ID: LCSS	Batcl	n ID: 60 6	684	F	RunNo: 7 9	9188					
Prep Date: 6/16/2021	Analysis D	Date: 6/	19/2021	S	SeqNo: 2	781039	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.90	0.025	1.000	0	90.0	80	120				
Toluene	0.89	0.050	1.000	0	88.8	80	120				
Ethylbenzene	0.90	0.050	1.000	0	90.3	80	120				
Xylenes, Total	2.7	0.10	3.000	0	89.3	80	120				
Surr: 4-Bromofluorobenzene	0.87		1.000		86.8	70	130				

Sample ID: MB-60684	SampT	ype: ME	BLK	TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batcl	n ID: 60	684	F	RunNo: 7 9	9188				
Prep Date: 6/16/2021	Analysis D	oate: 6/	19/2021	8	SeqNo: 2	781040	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	0.88		1.000		87.8	70	130			

Sample ID: 2106816-001ams	Samp	Гуре: М	3	TestCode: EPA Method 8021B: Volatiles						
Client ID: TP5-8	Batc	h ID: 60	684	RunNo: 79188						
Prep Date: 6/16/2021	Analysis [Date: 6/	19/2021	9	SeqNo: 2	781043	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.023	0.9107	0	86.4	80	120			
Toluene	0.79	0.046	0.9107	0	86.7	80	120			
Ethylbenzene	0.81	0.046	0.9107	0	88.8	80	120			
Xylenes, Total	2.4	0.091	2.732	0	87.7	80	120			
Surr: 4-Bromofluorobenzene	0.78		0.9107		85.2	70	130			

Sample ID: 2106816-001amsd	SampT	ype: MS	SD.	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: TP5-8	Batch	n ID: 60 6	684	RunNo: 79188						
Prep Date: 6/16/2021	Analysis D	oate: 6/	19/2021	S	SeqNo: 2	781044	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9794	0	88.6	80	120	9.68	20	
Toluene	0.87	0.049	0.9794	0	88.4	80	120	9.17	20	
Ethylbenzene	0.89	0.049	0.9794	0	90.7	80	120	9.37	20	
Xylenes, Total	2.6	0.098	2.938	0	89.8	80	120	9.67	20	
Surr: 4-Bromofluorobenzene	0.84		0.9794		85.9	70	130	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- 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 12 of 12



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	GHD		Work	Order Num	ber: 210	6816		RcptN	o: 1
Received By:	Juan Roj	jas	6/16/20	21 7:35:00	AM		Hansal	i	
Completed By:	Cheyenn	e Cason	6/16/20	21 8:36:36	AM		(Sent		
Reviewed By:	10		6.16)5			Charles		
Chain of Cus	stody								
1. Is Chain of C	ustody com	plete?			Yes	~	No 🗌	Not Present	
2. How was the	sample deli	vered?			Cou	rier			
Log In									
Was an atten	npt made to	cool the samp	les?		Yes	V	No 🗌	NA 🗌	
4. Were all sam	ples receive	d at a tempera	ture of >0° C	to 6.0°C	Yes	V	No 🗌	NA 🗆	
5. Sample(s) in	proper conta	ainer(s)?			Yes	V	No 🗌		
6. Sufficient sam	nple volume	for indicated to	est(s)?		Yes	V	No 🗆		
7. Are samples	(except VOA	and ONG) pro	operly preserve	ed?	Yes	V	No 🗌		
8. Was preserva	itive added to	o bottles?			Yes		No 🗸	NA 🗌	
9. Received at le	east 1 vial wi	th headspace	<1/4" for AQ \	OA?	Yes		No 🗆	NA 🗹	
10. Were any sar	mple contain	ers received b	roken?		Yes		No 🗸	# of preserved	
11. Does paperwo)		Yes	V	No 🗆	bottles checked for pH:	pr>12 unless noted)
12. Are matrices	correctly ider	ntified on Chai	n of Custody?		Yes	~	No 🗌	Adjusted?	
13. Is it clear wha	t analyses w	ere requested	?		Yes	V	No 🗌		and the first
14. Were all holdi (If no, notify c					Yes	V	No 🗌	Checked by:	T.C 6-16-2
Special Handl	ing (if ap	olicable)							
15. Was client no	otified of all d	liscrepancies v	with this order?		Yes		No 🗌	NA 🗸	
Person	Notified:			Date					
By Who	om:			Via:	☐ eMa	ail 🔲	Phone Fax	☐ In Person	
Regard	ing:								
Client I	nstructions:								
16. Additional re	marks:								
17. Cooler Infor	mation								
Cooler No			Seal Intact	Seal No	Seal D	ate	Signed By		
2	0.7	Good							
2	0.2	Good							

	Chain	-of-Ci	Chain-of-Custody Record	Turn-Around Time:								Red
Client	N.			I		HALL		N	IRO	N	ENVIRONMENTAL	eive
d to In	145			Project Name:		ANAL	ALY	YSIS	M	BO	LABORATOR	d by C
	Mailing Address:	70		Harley RA R.H.	7007	www.h	a	ironme	ental.c	com		OCD:
Jancon Par	Merin St		Switch Anteria Nivigozio		Tel. 50	505-345-3975	1 10	Aibuquerque, NM 8/109 Fax 505-345-4107	erque, NM 87. 505-345-4107	MM 87	109	4/26
/28/2	#:	(SOS)	377-4218	11228980			Anal		Request	#		/202
	email or Fax#:	20	Carina & GMD. Com	- 0	()				-		0	2 2
OA/QC □ Star	QA/QC Package:	Beek	Lessell @ CATS. Coursell Construction	Sect Haskell	lno sac		(SM		S.A.		Q <u>S</u>	:11:08
Accred	Accreditation	□ Other		For Con) HGT		IS 047		7808	11	Salt:	PM (N
	EDD (Type)			Sample Temperature:	+ 3						M,	10 /
Date	Time	Matrix	Sample Request ID	Container Preservative HEAL No.	ATEX + MTB BTEX + MTB BTR 8015B (PH (Methoc	0158) a'HA	,IO,7) enoin.	081 Pesticid (AOV) B092	√-imə2) 07S	Short	ir Bubbles ()
OGNZOZI	Plac	M	TRS-8	3000	8							A
-			TPS-10	(36)								
	1005		TR -6	200								
	1100		TP6-10	h 30								
	1120		759.6	500)								
	1150		TP11-3	300								
	1230		TPII-S	002								
	1250		TP13-5	908								
	1320		TASTO	600					L			
-	1330		TRS-10	010								
	1350	-	1717-4	70	*(T		
>	1405	•	TP19-6	210 A	7						>	
Date:	Time:	Relinquished by:	ed by;	Received M: Date Time	Remarks: P	Case C	mail	Tour	3	Sory	rsoy Q CHD. com	
Date:	Time:	Relinquished by:	, kq pa	Received by:	ala l	3	4 0 7	7	Sec	alo	7	
10/00 Kg 51/00	09/61	\$		1 100miles 10/16/21 713	Direct	11.21	A	1	3,	Z,	TH.	102
	f necessary, s	samples subm	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories.	1	nis possibility. Any sub-	-contracted	data will be	clearly no	stated on	the ana	lytical report.	of 28
												38



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

June 29, 2021

Tom Larson GHD 6121 Indian School Road, NE #200 Albuquerque, NM 87110 TEL: (505) 884-0672

FAX

RE: Hornbaker BA Battery OrderNo.: 2106910

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 19 sample(s) on 6/17/2021 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 Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **2106910**Date Reported: **6/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106910

Project: Hornbaker BA Battery

Lab ID: 2106910-001 **Collection Date:** 6/15/2021 8:40:00 AM

Client Sample ID: TP3-6 Matrix: SOIL

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch I	ID
EPA METHOD 300.0: ANIONS					Ana	alyst: VP	
Chloride	750	59	mg/Kg	20	6/20/2021 2:33:37	PM 6075	53
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	alyst: SB	
Diesel Range Organics (DRO)	38	8.5	mg/Kg	1	6/25/2021 9:11:49	AM 6074	42
Motor Oil Range Organics (MRO)	92	42	mg/Kg	1	6/25/2021 9:11:49	AM 6074	42
Surr: DNOP	97.4	70-130	%Rec	1	6/25/2021 9:11:49	AM 6074	42
EPA METHOD 8015D: GASOLINE RANGE					Ana	alyst: CCN	M
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/20/2021 4:48:00	AM 6071	19
Surr: BFB	98.6	70-130	%Rec	1	6/20/2021 4:48:00	AM 6071	19
EPA METHOD 8021B: VOLATILES					Ana	alyst: CCN	M
Benzene	ND	0.025	mg/Kg	1	6/20/2021 4:48:00	AM 6071	19
Toluene	ND	0.049	mg/Kg	1	6/20/2021 4:48:00	AM 6071	19
Ethylbenzene	ND	0.049	mg/Kg	1	6/20/2021 4:48:00	AM 6071	19
Xylenes, Total	ND	0.098	mg/Kg	1	6/20/2021 4:48:00	AM 6071	19
Surr: 4-Bromofluorobenzene	85.0	70-130	%Rec	1	6/20/2021 4:48:00	AM 6071	19

Lab ID: 2106910-002 **Collection Date:** 6/15/2021 8:45:00 AM

Client Sample ID: TP3-8 Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed 1	Batch ID
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	750	60	mg/Kg	20	6/20/2021 2:46:02 PM	60753
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	st: SB
Diesel Range Organics (DRO)	15	9.0	mg/Kg	1	6/20/2021 11:37:57 A	M 60742
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	6/20/2021 11:37:57 A	M 60742
Surr: DNOP	107	70-130	%Rec	1	6/20/2021 11:37:57 A	M 60742
EPA METHOD 8015D: GASOLINE RANGE					Analys	st: CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/20/2021 5:08:00 AM	60719
Surr: BFB	97.0	70-130	%Rec	1	6/20/2021 5:08:00 AM	60719
EPA METHOD 8021B: VOLATILES					Analys	st: CCM
Benzene	ND	0.024	mg/Kg	1	6/20/2021 5:08:00 AM	60719
Toluene	ND	0.048	mg/Kg	1	6/20/2021 5:08:00 AM	60719
Ethylbenzene	ND	0.048	mg/Kg	1	6/20/2021 5:08:00 AM	60719
Xylenes, Total	ND	0.097	mg/Kg	1	6/20/2021 5:08:00 AM	60719
Surr: 4-Bromofluorobenzene	85.0	70-130	%Rec	1	6/20/2021 5:08:00 AM	60719

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 1 of 22

Lab Order: **2106910**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/29/2021

CLIENT: GHD Lab Order: 2106910

Project: Hornbaker BA Battery

Lab ID: 2106910-003 **Collection Date:** 6/15/2021 9:15:00 AM

Client Sample ID: TP2-6 Matrix: SOIL

Client Sample ID: TP2-6			Matrix	: SC	OIL	
Analyses	Result	RL Qu	ial Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Anal	yst: VP
Chloride	2200	150	mg/Kg	50	6/22/2021 5:21:19 P	PM 60753
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Anal	yst: SB
Diesel Range Organics (DRO)	14	9.0	mg/Kg	1	6/20/2021 12:26:20	PM 60742
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	6/20/2021 12:26:20	PM 60742
Surr: DNOP	104	70-130	%Rec	1	6/20/2021 12:26:20	PM 60742
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/20/2021 5:28:00 A	M 60719
Surr: BFB	96.8	70-130	%Rec	1	6/20/2021 5:28:00 A	M 60719
EPA METHOD 8021B: VOLATILES					Anal	yst: CCM
Benzene	ND	0.025	mg/Kg	1	6/20/2021 5:28:00 A	M 60719
Toluene	ND	0.050	mg/Kg	1	6/20/2021 5:28:00 A	M 60719
Ethylbenzene	ND	0.050	mg/Kg	1	6/20/2021 5:28:00 A	M 60719
Xylenes, Total	ND	0.10	mg/Kg	1	6/20/2021 5:28:00 A	M 60719
Surr: 4-Bromofluorobenzene	82.4	70-130	%Rec	1	6/20/2021 5:28:00 A	M 60719

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 22

CLIENT:

Analytical Report

Lab Order: 2106910 Date Reported: 6/29/2021

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2106910

GHD Project: Hornbaker BA Battery

Lab ID: 2106910-004 Collection Date: 6/15/2021 9:45:00 AM

Matrix: SOIL Client Sample ID: TP21-S

Analyses	Result	RL	Qual Units	DF	Date Analyzed I	Batch ID
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	ND	60	mg/Kg	20	6/20/2021 3:10:51 PM	60753
EPA METHOD 8015M/D: DIESEL RANGE ORG				Analys	st: SB	
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	6/23/2021 5:25:59 PM	60742
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	6/23/2021 5:25:59 PM	60742
Surr: DNOP	101	70-130	%Rec	1	6/23/2021 5:25:59 PM	60742
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/20/2021 5:47:00 AM	60719
Surr: BFB	107	70-130	%Rec	1	6/20/2021 5:47:00 AM	60719
EPA METHOD 8021B: VOLATILES					Analys	st: CCM
Benzene	ND	0.025	mg/Kg	1	6/20/2021 5:47:00 AM	60719
Toluene	ND	0.050	mg/Kg	1	6/20/2021 5:47:00 AM	60719
Ethylbenzene	ND	0.050	mg/Kg	1	6/20/2021 5:47:00 AM	60719
Xylenes, Total	ND	0.10	mg/Kg	1	6/20/2021 5:47:00 AM	60719
Surr: 4-Bromofluorobenzene	85.6	70-130	%Rec	1	6/20/2021 5:47:00 AM	60719

Lab ID: 2106910-005 **Collection Date:** 6/15/2021 9:50:00 AM

Client Sample ID: TP21-2 Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Anal	yst: VP
Chloride	ND	60	mg/Kg	20	6/21/2021 6:42:03 P	M 60771
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Anal	yst: BRM
Diesel Range Organics (DRO)	ND	8.5	mg/Kg	1	6/19/2021 4:12:31 P	M 60743
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	6/19/2021 4:12:31 P	M 60743
Surr: DNOP	101	70-130	%Rec	1	6/19/2021 4:12:31 P	M 60743
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/20/2021 6:07:00 A	M 60719
Surr: BFB	101	70-130	%Rec	1	6/20/2021 6:07:00 A	M 60719
EPA METHOD 8021B: VOLATILES					Anal	yst: CCM
Benzene	ND	0.025	mg/Kg	1	6/20/2021 6:07:00 A	M 60719
Toluene	ND	0.050	mg/Kg	1	6/20/2021 6:07:00 A	M 60719
Ethylbenzene	ND	0.050	mg/Kg	1	6/20/2021 6:07:00 A	M 60719
Xylenes, Total	ND	0.099	mg/Kg	1	6/20/2021 6:07:00 A	M 60719
Surr: 4-Bromofluorobenzene	86.2	70-130	%Rec	1	6/20/2021 6:07:00 A	M 60719

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

Qualifiers:

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

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL

Page 3 of 22

Lab Order: 2106910

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/29/2021

CLIENT: GHD Lab Order: 2106910

Project: Hornbaker BA Battery

Lab ID: 2106910-006 **Collection Date:** 6/15/2021 10:00:00 AM

Client Sample ID: TP22-S Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch ID Analyses EPA METHOD 300.0: ANIONS** Analyst: VP Chloride ND 6/21/2021 7:44:05 PM 60 60771 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) 6/19/2021 5:26:14 PM ND 9.9 mg/Kg 60743 Motor Oil Range Organics (MRO) ND 6/19/2021 5:26:14 PM 60743 50 mg/Kg 1 Surr: DNOP 92.7 70-130 %Rec 6/19/2021 5:26:14 PM 60743 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 6/20/2021 6:27:00 AM 60719 Surr: BFB 99.4 70-130 %Rec 1 6/20/2021 6:27:00 AM 60719 **EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 0.025 mg/Kg 1 6/20/2021 6:27:00 AM 60719 Toluene ND 0.049 mg/Kg 1 6/20/2021 6:27:00 AM 60719 Ethylbenzene ND 0.049 mg/Kg 1 6/20/2021 6:27:00 AM 60719 Xylenes, Total ND 0.098 mg/Kg 6/20/2021 6:27:00 AM 60719 Surr: 4-Bromofluorobenzene 83.9 70-130 %Rec 6/20/2021 6:27:00 AM 60719

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 4 of 22

Lab Order: **2106910**Date Reported: **6/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106910

Project: Hornbaker BA Battery

Lab ID: 2106910-007 **Collection Date:** 6/15/2021 10:10:00 AM

Client Sample ID: TP22-2 Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analy	st: VP
Chloride	ND	60	mg/Kg	20	6/21/2021 8:21:19 PM	<i>l</i> 60771
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analy	st: JME
Diesel Range Organics (DRO)	45	9.9	mg/Kg	1	6/23/2021 5:59:22 PM	A 60743
Motor Oil Range Organics (MRO)	150	49	mg/Kg	1	6/23/2021 5:59:22 PM	A 60743
Surr: DNOP	92.6	70-130	%Rec	1	6/23/2021 5:59:22 PM	A 60743
EPA METHOD 8015D: GASOLINE RANGE					Analy	st: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/20/2021 6:47:00 AM	<i>l</i> 60719
Surr: BFB	102	70-130	%Rec	1	6/20/2021 6:47:00 AM	<i>l</i> 60719
EPA METHOD 8021B: VOLATILES					Analy	st: CCM
Benzene	ND	0.025	mg/Kg	1	6/20/2021 6:47:00 AM	<i>l</i> 60719
Toluene	ND	0.049	mg/Kg	1	6/20/2021 6:47:00 AM	<i>l</i> 60719
Ethylbenzene	ND	0.049	mg/Kg	1	6/20/2021 6:47:00 AM	<i>l</i> 60719
Xylenes, Total	ND	0.099	mg/Kg	1	6/20/2021 6:47:00 AM	<i>l</i> 60719
Surr: 4-Bromofluorobenzene	84.3	70-130	%Rec	1	6/20/2021 6:47:00 AM	<i>l</i> 60719

Lab ID: 2106910-008 **Collection Date:** 6/15/2021 10:15:00 AM

Client Sample ID: TP23-2 Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analy	st: VP
Chloride	5700	150	mg/Kg	50	6/22/2021 5:33:43 PM	60771
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	st: BRM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	6/19/2021 6:15:24 PM	60743
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/19/2021 6:15:24 PM	60743
Surr: DNOP	99.2	70-130	%Rec	1	6/19/2021 6:15:24 PM	60743
EPA METHOD 8015D: GASOLINE RANGE					Analys	st: CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/20/2021 7:07:00 AM	60719
Surr: BFB	103	70-130	%Rec	1	6/20/2021 7:07:00 AM	60719
EPA METHOD 8021B: VOLATILES					Analys	st: CCM
Benzene	ND	0.025	mg/Kg	1	6/20/2021 7:07:00 AM	60719
Toluene	ND	0.050	mg/Kg	1	6/20/2021 7:07:00 AM	60719
Ethylbenzene	ND	0.050	mg/Kg	1	6/20/2021 7:07:00 AM	60719
Xylenes, Total	ND	0.10	mg/Kg	1	6/20/2021 7:07:00 AM	60719
Surr: 4-Bromofluorobenzene	87.6	70-130	%Rec	1	6/20/2021 7:07:00 AM	60719

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 5 of 22

Lab Order: **2106910**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/29/2021

CLIENT: GHD Lab Order: 2106910

Project: Hornbaker BA Battery

Lab ID: 2106910-009 **Collection Date:** 6/15/2021 10:25:00 AM

Client Sample ID: TP23-6 Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch ID Analyses EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 6/21/2021 8:46:07 PM 1700 60 60771 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) 6/19/2021 6:40:08 PM ND 8.8 mg/Kg 60743 Motor Oil Range Organics (MRO) ND 6/19/2021 6:40:08 PM 60743 44 mg/Kg 1 Surr: DNOP 92.2 70-130 %Rec 6/19/2021 6:40:08 PM 60743 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 6/20/2021 7:27:00 AM 60719 Surr: BFB 102 70-130 %Rec 1 6/20/2021 7:27:00 AM 60719 **EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 0.025 mg/Kg 1 6/20/2021 7:27:00 AM 60719 Toluene ND 0.049 mg/Kg 1 6/20/2021 7:27:00 AM 60719 Ethylbenzene ND 0.049 mg/Kg 1 6/20/2021 7:27:00 AM 60719 Xylenes, Total ND 0.098 mg/Kg 6/20/2021 7:27:00 AM 60719 Surr: 4-Bromofluorobenzene 86.5 70-130 %Rec 6/20/2021 7:27:00 AM 60719

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 6 of 22

CLIENT:

Analytical Report

Lab Order: 2106910 Date Reported: 6/29/2021

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2106910

GHD Project: Hornbaker BA Battery

Lab ID: 2106910-010 **Collection Date:** 6/15/2021 10:35:00 AM

Matrix: SOIL **Client Sample ID:** TP23-9

Analyses	Result	RL C	Qual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	820	60	mg/Kg	20	6/21/2021 8:58:31 PM	60771
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: BRM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	6/19/2021 7:04:41 PM	60743
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	6/19/2021 7:04:41 PM	60743
Surr: DNOP	98.1	70-130	%Rec	1	6/19/2021 7:04:41 PM	60743
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	6/21/2021 9:15:03 PM	60726
Surr: BFB	96.8	70-130	%Rec	1	6/21/2021 9:15:03 PM	60726
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.023	mg/Kg	1	6/21/2021 9:15:03 PM	60726
Toluene	ND	0.046	mg/Kg	1	6/21/2021 9:15:03 PM	60726
Ethylbenzene	ND	0.046	mg/Kg	1	6/21/2021 9:15:03 PM	60726
Xylenes, Total	ND	0.092	mg/Kg	1	6/21/2021 9:15:03 PM	60726
Surr: 4-Bromofluorobenzene	95.9	70-130	%Rec	1	6/21/2021 9:15:03 PM	60726

Lab ID: 2106910-011 **Collection Date:** 6/15/2021 10:40:00 AM

Matrix: SOIL Client Sample ID: TP23-10

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Anal	lyst: VP
Chloride	710	61	mg/Kg	20	6/21/2021 9:10:56 P	PM 60771
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Anal	yst: BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/19/2021 7:29:27 F	PM 60743
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/19/2021 7:29:27 F	PM 60743
Surr: DNOP	99.4	70-130	%Rec	1	6/19/2021 7:29:27 P	PM 60743
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	6/21/2021 10:25:48	PM 60726
Surr: BFB	94.8	70-130	%Rec	1	6/21/2021 10:25:48	PM 60726
EPA METHOD 8021B: VOLATILES					Anal	yst: NSB
Benzene	ND	0.023	mg/Kg	1	6/21/2021 10:25:48	PM 60726
Toluene	ND	0.046	mg/Kg	1	6/21/2021 10:25:48	PM 60726
Ethylbenzene	ND	0.046	mg/Kg	1	6/21/2021 10:25:48	PM 60726
Xylenes, Total	ND	0.092	mg/Kg	1	6/21/2021 10:25:48	PM 60726
Surr: 4-Bromofluorobenzene	94.7	70-130	%Rec	1	6/21/2021 10:25:48	PM 60726

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

Qualifiers:

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

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL

Page 7 of 22

CLIENT:

Analytical Report

Lab Order: 2106910

Date Reported: 6/29/2021

2106910

Hall Environmental Analysis Laboratory, Inc.

Lab Order:

GHD Project: Hornbaker BA Battery

Lab ID: 2106910-012 Collection Date: 6/15/2021 11:00:00 AM

TP24-S Matrix: SOIL **Client Sample ID:**

Result **RL Oual Units DF** Date Analyzed **Batch ID Analyses EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 74 6/21/2021 9:48:08 PM 60 60771 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 6/21/2021 8:11:51 PM ND 10 mg/Kg 60743 50 Motor Oil Range Organics (MRO) ND 6/21/2021 8:11:51 PM 60743 mg/Kg 1 Surr: DNOP 80.2 70-130 %Rec 6/21/2021 8:11:51 PM 60743 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.8 mg/Kg 1 6/21/2021 11:36:13 PM 60726 Surr: BFB 96.7 70-130 %Rec 1 6/21/2021 11:36:13 PM 60726 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 6/21/2021 11:36:13 PM 60726 0.024 mg/Kg Toluene ND 0.048 mg/Kg 6/21/2021 11:36:13 PM 60726 Ethylbenzene ND 0.048 mg/Kg 1 6/21/2021 11:36:13 PM 60726 Xylenes, Total ND 0.095 mg/Kg 6/21/2021 11:36:13 PM 60726 Surr: 4-Bromofluorobenzene 95.8 70-130 %Rec 6/21/2021 11:36:13 PM 60726

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

Qualifiers:

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

- Analyte detected in the associated Method Blank
- \mathbf{E} Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 8 of 22

Lab Order: **2106910**Date Reported: **6/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106910

Project: Hornbaker BA Battery

Lab ID: 2106910-013 **Collection Date:** 6/15/2021 11:20:00 AM

Client Sample ID: TP24-2 Matrix: SOIL

Analyses	Result	RL Qual	Units	DF	Date Analyzed Ba	atch ID
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	6/21/2021 10:00:32 PM	60771
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	6/19/2021 8:18:43 PM	60743
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/19/2021 8:18:43 PM	60743
Surr: DNOP	86.8	70-130	%Rec	1	6/19/2021 8:18:43 PM	60743
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/21/2021 11:59:38 PM	60726
Surr: BFB	95.1	70-130	%Rec	1	6/21/2021 11:59:38 PM	60726
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/21/2021 11:59:38 PM	60726
Toluene	ND	0.050	mg/Kg	1	6/21/2021 11:59:38 PM	60726
Ethylbenzene	ND	0.050	mg/Kg	1	6/21/2021 11:59:38 PM	60726
Xylenes, Total	ND	0.099	mg/Kg	1	6/21/2021 11:59:38 PM	60726
Surr: 4-Bromofluorobenzene	95.6	70-130	%Rec	1	6/21/2021 11:59:38 PM	60726

Lab ID: 2106910-014 **Collection Date:** 6/15/2021 11:25:00 AM

Client Sample ID: TP25-S Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Ana	lyst: VP
Chloride	ND	60	mg/Kg	20	6/21/2021 10:12:57	PM 60771
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	lyst: BRM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	6/19/2021 8:43:17 F	PM 60743
Motor Oil Range Organics (MRO)	ND	51	mg/Kg	1	6/19/2021 8:43:17 F	PM 60743
Surr: DNOP	71.0	70-130	%Rec	1	6/19/2021 8:43:17 F	PM 60743
EPA METHOD 8015D: GASOLINE RANGE					Ana	lyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/22/2021 12:23:16	AM 60726
Surr: BFB	94.5	70-130	%Rec	1	6/22/2021 12:23:16	AM 60726
EPA METHOD 8021B: VOLATILES					Ana	lyst: NSB
Benzene	ND	0.025	mg/Kg	1	6/22/2021 12:23:16	AM 60726
Toluene	ND	0.049	mg/Kg	1	6/22/2021 12:23:16	AM 60726
Ethylbenzene	ND	0.049	mg/Kg	1	6/22/2021 12:23:16	AM 60726
Xylenes, Total	ND	0.098	mg/Kg	1	6/22/2021 12:23:16	AM 60726
Surr: 4-Bromofluorobenzene	94.5	70-130	%Rec	1	6/22/2021 12:23:16	AM 60726

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 9 of 22

Lab Order: **2106910**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/29/2021

CLIENT: GHD Lab Order: 2106910

Project: Hornbaker BA Battery

Lab ID: 2106910-015 **Collection Date:** 6/15/2021 11:30:00 AM

Client Sample ID: TP25-2 Matrix: SOIL

Cheft Sample ID: 1723-2			Matrix	: 50	ЛL	
Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Anal	yst: VP
Chloride	ND	60	mg/Kg	20	6/21/2021 10:25:21	PM 60771
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Anal	yst: BRM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	6/19/2021 9:08:00 F	PM 60743
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/19/2021 9:08:00 F	PM 60743
Surr: DNOP	77.6	70-130	%Rec	1	6/19/2021 9:08:00 P	PM 60743
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/22/2021 12:46:47	AM 60726
Surr: BFB	96.5	70-130	%Rec	1	6/22/2021 12:46:47	AM 60726
EPA METHOD 8021B: VOLATILES					Anal	yst: NSB
Benzene	ND	0.025	mg/Kg	1	6/22/2021 12:46:47	AM 60726
Toluene	ND	0.049	mg/Kg	1	6/22/2021 12:46:47	AM 60726
Ethylbenzene	ND	0.049	mg/Kg	1	6/22/2021 12:46:47	AM 60726
Xylenes, Total	ND	0.099	mg/Kg	1	6/22/2021 12:46:47	AM 60726
Surr: 4-Bromofluorobenzene	96.1	70-130	%Rec	1	6/22/2021 12:46:47	AM 60726

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 10 of 22

Lab Order: **2106910**Date Reported: **6/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106910

Project: Hornbaker BA Battery

Lab ID: 2106910-016 **Collection Date:** 6/15/2021 12:00:00 PM

Client Sample ID: TP26-2 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analy	st: VP
Chloride	1500	60	mg/Kg	20	6/21/2021 10:37:45 F	M 60771
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analy	st: BRM
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	6/19/2021 9:32:35 PM	60743
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	6/19/2021 9:32:35 PM	60743
Surr: DNOP	86.8	70-130	%Rec	1	6/19/2021 9:32:35 PM	M 60743
EPA METHOD 8015D: GASOLINE RANGE					Analy	st: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/22/2021 1:10:21 AM	1 60726
Surr: BFB	95.3	70-130	%Rec	1	6/22/2021 1:10:21 AM	M 60726
EPA METHOD 8021B: VOLATILES					Analy	st: NSB
Benzene	ND	0.025	mg/Kg	1	6/22/2021 1:10:21 AM	1 60726
Toluene	ND	0.049	mg/Kg	1	6/22/2021 1:10:21 AM	1 60726
Ethylbenzene	ND	0.049	mg/Kg	1	6/22/2021 1:10:21 AM	1 60726
Xylenes, Total	ND	0.099	mg/Kg	1	6/22/2021 1:10:21 AM	1 60726
Surr: 4-Bromofluorobenzene	95.0	70-130	%Rec	1	6/22/2021 1:10:21 AM	1 60726

Lab ID: 2106910-017 **Collection Date:** 6/15/2021 12:05:00 PM

Client Sample ID: TP26-6 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analy	st: VP
Chloride	710	60	mg/Kg	20	6/21/2021 10:50:10 P	M 60771
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analy	st: BRM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	6/19/2021 9:57:16 PM	60743
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	6/19/2021 9:57:16 PM	60743
Surr: DNOP	91.8	70-130	%Rec	1	6/19/2021 9:57:16 PM	60743
EPA METHOD 8015D: GASOLINE RANGE					Analy	st: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/22/2021 1:33:50 AM	60726
Surr: BFB	92.6	70-130	%Rec	1	6/22/2021 1:33:50 AM	60726
EPA METHOD 8021B: VOLATILES					Analy	st: NSB
Benzene	ND	0.025	mg/Kg	1	6/22/2021 1:33:50 AM	60726
Toluene	ND	0.049	mg/Kg	1	6/22/2021 1:33:50 AM	60726
Ethylbenzene	ND	0.049	mg/Kg	1	6/22/2021 1:33:50 AM	60726
Xylenes, Total	ND	0.098	mg/Kg	1	6/22/2021 1:33:50 AM	60726
Surr: 4-Bromofluorobenzene	92.6	70-130	%Rec	1	6/22/2021 1:33:50 AM	60726

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 11 of 22

Lab Order: 2106910

Date Reported: 6/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106910

Project: Hornbaker BA Battery

Lab ID: 2106910-018 **Collection Date:** 6/15/2021 12:10:00 PM

Client Sample ID: TP27-S Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch ID Analyses EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 76 6/21/2021 11:02:35 PM 60771 60 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 6/21/2021 8:36:23 PM 9.9 9.8 mg/Kg 60743 Motor Oil Range Organics (MRO) 6/21/2021 8:36:23 PM 60743 65 49 mg/Kg 1 Surr: DNOP 73.9 70-130 %Rec 6/21/2021 8:36:23 PM 60743 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 6/22/2021 1:57:20 AM 60726 Surr: BFB 93.9 70-130 %Rec 1 6/22/2021 1:57:20 AM 60726 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 6/22/2021 1:57:20 AM 60726 Toluene ND 0.049 mg/Kg 1 6/22/2021 1:57:20 AM 60726 Ethylbenzene ND 0.049 mg/Kg 1 6/22/2021 1:57:20 AM 60726 Xylenes, Total ND 0.099 mg/Kg 6/22/2021 1:57:20 AM 60726 Surr: 4-Bromofluorobenzene 94.9 70-130 %Rec 6/22/2021 1:57:20 AM 60726

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 12 of 22

Lab Order: 2106910

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/29/2021

CLIENT: GHD Lab Order: 2106910

Project: Hornbaker BA Battery

Lab ID: 2106910-019 **Collection Date:** 6/15/2021 12:15:00 PM

Client Sample ID: TP27-2 Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 120 60 mg/Kg 6/21/2021 11:14:59 PM 60771 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.4 6/21/2021 9:01:01 PM 60743 mg/Kg Motor Oil Range Organics (MRO) 100 47 mg/Kg 1 6/21/2021 9:01:01 PM 60743 Surr: DNOP 90.2 70-130 %Rec 6/21/2021 9:01:01 PM 60743 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 6/22/2021 2:20:54 AM 60726 4.8 mg/Kg 1 Surr: BFB 92.0 70-130 %Rec 6/22/2021 2:20:54 AM 60726 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 6/22/2021 2:20:54 AM 60726 mg/Kg 1 Toluene ND 0.048 mg/Kg 6/22/2021 2:20:54 AM 60726 Ethylbenzene ND 0.048 mg/Kg 1 6/22/2021 2:20:54 AM 60726 Xylenes, Total ND 0.097 mg/Kg 1 6/22/2021 2:20:54 AM 60726 Surr: 4-Bromofluorobenzene 92.9 70-130 %Rec 6/22/2021 2:20:54 AM 60726

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 13 of 22

Hall Environmental Analysis Laboratory, Inc.

#: 2106910 29-Jun-21

WO#:

Client: GHD

Project: Hornbaker BA Battery

Sample ID: MB-60753 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 60753 RunNo: 79212

Prep Date: 6/19/2021 Analysis Date: 6/20/2021 SeqNo: 2780840 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-60753 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 60753 RunNo: 79212

Prep Date: 6/19/2021 Analysis Date: 6/20/2021 SeqNo: 2780841 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.7 90 110

Sample ID: LCS-60771 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 60771 RunNo: 79215

Prep Date: 6/21/2021 Analysis Date: 6/21/2021 SeqNo: 2782462 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.8 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 14 of 22

Hall Environmental Analysis Laboratory, Inc.

2106910 29-Jun-21

WO#:

Client: GHD

Project: Hornbaker BA Battery

Sample ID: 2106910-005AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: TP21-2 Batch ID: 60743 RunNo: 79223 Prep Date: 6/18/2021 Analysis Date: 6/19/2021 SeqNo: 2781721 Units: mq/Kq SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual Diesel Range Organics (DRO) 49 9.6 48.12 Λ 103 15 184 Surr: DNOP 4.8 4.812 100 70 130

Sample ID: 2106910-005AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: TP21-2 Batch ID: 60743 RunNo: 79223 Prep Date: 6/18/2021 Analysis Date: 6/19/2021 SeqNo: 2781722 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 45 8.4 41.91 O 106 15 184 10.1 23.9 Surr: DNOP 70 4.3 4.191 102 130 0 0

Sample ID: LCS-60694 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 60694 RunNo: 79223 Prep Date: 6/17/2021 Analysis Date: 6/18/2021 SeqNo: 2781759 Units: %Rec SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result POI LowLimit HighLimit Qual Surr: DNOP 4.6 5.000 91.3 70 130

Sample ID: LCS-60743 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Batch ID: 60743 Client ID: LCSS RunNo: 79223 Prep Date: 6/18/2021 Analysis Date: 6/19/2021 SeqNo: 2781761 Units: mq/Kq Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 49 10 50.00 0 98.3 68.9 141 Surr: DNOP 5.000 5.1 102 70 130

Sample ID: LCS-60744 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 60744 RunNo: 79223 Prep Date: Analysis Date: 6/20/2021 SeqNo: 2781762 6/18/2021 Units: %Rec SPK value SPK Ref Val LowLimit %RPD **RPDLimit** Analyte Result PQL %REC HighLimit Qual Surr: DNOP 4.6 5.000 92.5 130

Sample ID: MB-60694 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 60694 RunNo: 79223 Prep Date: 6/17/2021 Analysis Date: 6/18/2021 SeqNo: 2781763 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Surr: DNOP 10.00 9.2 92.0 70 130

Qualifiers:

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

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

Page 15 of 22

Hall Environmental Analysis Laboratory, Inc.

9.9

9.9

WO#: 2106910 29-Jun-21

Client: GHD

Surr: DNOP

Surr: DNOP

Project: Hornbaker BA Battery

Sample ID: MB-60743	SampT	уре: МЕ	BLK	Tes	tCode: El	de: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch	ID: 60	743	F	RunNo: 7	9223					
Prep Date: 6/18/2021	Analysis D	ate: 6/	19/2021	S	SeqNo: 2	781765	Units: mg/k	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									

Surr: DNOP 9.5 10.00 95.4 70 130

10.00

10.00

Sample ID: MB-60744 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MBLK Client ID: PBS Batch ID: 60744 RunNo: 79223 Prep Date: 6/18/2021 Analysis Date: 6/20/2021 SeqNo: 2781766 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

99.3

98.7

70

130

130

Sample ID: MB-60742 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 60742 RunNo: 79227 Prep Date: 6/18/2021 Analysis Date: 6/20/2021 SeqNo: 2783470 Units: mg/Kg SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result PQL HighLimit Qual Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50

Sample ID: LCS-60742 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 60742 RunNo: 79227 Prep Date: 6/18/2021 Analysis Date: 6/20/2021 SeqNo: 2783473 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Diesel Range Organics (DRO) 50 10 50.00 0 100 68.9 141 Surr: DNOP 5.000 102 70 130 5.1

Sample ID: MB-60789 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MBLK Batch ID: 60789 Client ID: PBS RunNo: 79260 Prep Date: 6/21/2021 Analysis Date: 6/22/2021 SeqNo: 2783603 Units: %Rec Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte LowLimit Qual Surr: DNOP 12 10.00 116 70 130

Sample ID: MB-60790 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MBLK Client ID: PBS Batch ID: 60790 RunNo: 79260 Prep Date: 6/21/2021 Analysis Date: 6/22/2021 SeqNo: 2783604 Units: %Rec SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result PQL LowLimit Qual

Qualifiers:

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

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

Page 16 of 22

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106910**

29-Jun-21

Client: GHD

Project: Hornbaker BA Battery

Sample ID: MB-60790 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 60790 RunNo: 79260

Prep Date: 6/21/2021 Analysis Date: 6/22/2021 SegNo: 2783604 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 11 10.00 109 70 130

Sample ID: LCS-60789 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60789 RunNo: 79260

Prep Date: 6/21/2021 Analysis Date: 6/22/2021 SeqNo: 2783605 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 5.6 5.000 111 70 130

Sample ID: LCS-60790 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60790 RunNo: 79260

Prep Date: 6/21/2021 Analysis Date: 6/22/2021 SeqNo: 2783606 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 5.3 5.000 105 70 130

Sample ID: LCS-60869 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60869 RunNo: 79364

Prep Date: 6/23/2021 Analysis Date: 6/26/2021 SeqNo: 2789111 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 6.0 5.000 119 70 130

Sample ID: MB-60869 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 60869 RunNo: 79364

Prep Date: 6/23/2021 Analysis Date: 6/26/2021 SeqNo: 2789122 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 11 10.00 107 70 130

Sample ID: MB-60873 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 60873 RunNo: 79364

Prep Date: 6/23/2021 Analysis Date: 6/26/2021 SeqNo: 2789298 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 8.2 10.00 82.0 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 17 of 22

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106910 29-Jun-21**

Client: GHD

Project: Hornbaker BA Battery

Sample ID: LCS-60873 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60873 RunNo: 79364

Prep Date: 6/23/2021 Analysis Date: 6/26/2021 SeqNo: 2789299 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 4.1 5.000 81.0 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 18 of 22

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106910

29-Jun-21

Client: GHD

Project: Hornbaker BA Battery

Sample ID: LCS-60719 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 60719 RunNo: 79207

Prep Date: 6/17/2021 Analysis Date: 6/19/2021 SeqNo: 2780934 Units: mq/Kq

SPK value SPK Ref Val **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit %RPD Qual 25.00 Gasoline Range Organics (GRO) 25 5.0 Λ 101 78.6 131 Surr: BFB 1100 1000 110 130

Sample ID: MB-60719 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 60719 RunNo: 79207

Prep Date: 6/17/2021 Units: mg/Kg Analysis Date: 6/19/2021 SeqNo: 2780936

%RPD Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Qual Gasoline Range Organics (GRO) ND 5.0

99.1

70

130

1000 Sample ID: mb-60726 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 60726 RunNo: 79236

990

Prep Date: 6/17/2021 Analysis Date: 6/21/2021 SeqNo: 2782336 Units: mg/Kg

SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result PQL HighLimit Qual Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 990 1000 99.0 70 130

Sample ID: Ics-60726 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 60726 RunNo: 79236

Prep Date: 6/17/2021 Analysis Date: 6/21/2021 SeqNo: 2782337 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Result PQL LowLimit HighLimit Qual Gasoline Range Organics (GRO) 24 97.9 5.0 25.00 78.6 131

Surr: BFB 1100 1000 114 70 130

Sample ID: 2106910-010ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: TP23-9 Batch ID: 60726 RunNo: 79236

Prep Date: 6/17/2021 Analysis Date: 6/21/2021 SeqNo: 2782339 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 22 0 61.3 4.9 24.32 92.2 114 Surr: BFB 1100 972.8 110 70 130

Sample ID: 2106910-010amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: TP23-9 Batch ID: 60726 RunNo: 79236

Prep Date: 6/17/2021 Units: mg/Kg Analysis Date: 6/21/2021 SeqNo: 2782340

PQL SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual

Qualifiers:

Surr: BFB

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

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

Page 19 of 22

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106910**

29-Jun-21

Client: GHD

Project: Hornbaker BA Battery

Sample ID: 2106910-010amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: TP23-9 Batch ID: 60726 RunNo: 79236

Prep Date: 6/17/2021 Analysis Date: 6/21/2021 SeqNo: 2782340 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0 61.3 20 Gasoline Range Organics (GRO) 22 4.9 24.63 88.1 114 3.21 Surr: BFB 1100 985.2 109 70 130 0 0

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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 20 of 22

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106910**

29-Jun-21

Client: GHD

Project: Hornbaker BA Battery

Sample ID: LCS-60719	SampT	Гуре: LC	s	TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch	h ID: 607	719	RunNo: 79207							
Prep Date: 6/17/2021	Analysis D)ate: 6/	19/2021	8	SeqNo: 2	780964	Units: mg/k	Jnits: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.89	0.025	1.000	0	89.3	80	120			<u> </u>	
Toluene	0.88	0.050	1.000	0	87.8	80	120				
Ethylbenzene	0.90	0.050	1.000	0	90.0	80	120				
Xylenes, Total	2.7	0.10	3.000	0	89.0	80	120				
Surr: 4-Bromofluorobenzene	0.83		1.000		82.5	70	130				
Sample ID: MB-60719	SampT	Гуре: МВ	BLK	TestCode: EPA Method 8021B: Volatiles							

Sample ID: MB-60719	Sampi	ype: ME	BLK	I es	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	n ID: 60	719	F	RunNo: 7 9	9207				
Prep Date: 6/17/2021	Analysis D	ate: 6/	19/2021	8	SeqNo: 2	780965	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	0.84		1.000		84.2	70	130			

Sample ID: mb-60726	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	n ID: 60	726	F	RunNo: 7	9236				
Prep Date: 6/17/2021	Analysis D	oate: 6/	21/2021	8	SeqNo: 2	782380	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	0.97		1.000		97.1	70	130			

Sample ID: LCS-60726	SampT	ype: LC	s	Tes								
Client ID: LCSS	Batcl	h ID: 60 7	726	F	RunNo: 7	9236						
Prep Date: 6/17/2021	Analysis D	Date: 6/ 2	21/2021	9	SeqNo: 2	782381	Units: mg/k	nits: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.97	0.025	1.000	0	96.7	80	120					
Toluene	0.98	0.050	1.000	0	98.3	80	120					
Ethylbenzene	0.98	0.050	1.000	0	98.2	80	120					
Xylenes, Total	3.0	0.10	3.000	0	98.5	80	120					
Surr: 4-Bromofluorobenzene	1.0		1.000		101	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

- 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 21 of 22

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106910**

29-Jun-21

Client: GHD

Project: Hornbaker BA Battery

Sample ID: 2106910-011ams	Samp	Гуре: М\$	3	Tes	tCode: El	iles				
Client ID: TP23-10	Batc	h ID: 60	726	F	RunNo: 7 9	9236				
Prep Date: 6/17/2021	Analysis [Date: 6/	21/2021	\$	SeqNo: 2	782384	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	0.9823	0	90.2	80	120			
Toluene	0.91	0.049	0.9823	0	93.1	80	120			
Ethylbenzene	0.92	0.049	0.9823	0	93.3	80	120			
Xylenes, Total	2.7	0.098	2.947	0	93.1	80	120			
Surr: 4-Bromofluorobenzene	0.95		0.9823		96.8	70	130			

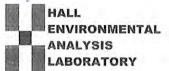
Sample ID: 2106910-011amsd	Sample ID: 2106910-011amsd SampType: MSD				TestCode: EPA Method 8021B: Volatiles						
Client ID: TP23-10	nt ID: TP23-10 Batch ID: 60726				RunNo: 7						
Prep Date: 6/17/2021	Analysis D	ate: 6/	21/2021	S	SeqNo: 2	782385	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.91	0.025	0.9833	0	92.8	80	120	2.89	20		
Toluene	0.94	0.049	0.9833	0	95.3	80	120	2.39	20		
Ethylbenzene	0.95	0.049	0.9833	0	96.4	80	120	3.39	20		
Xylenes, Total	2.8	0.098	2.950	0	96.5	80	120	3.72	20		
Surr: 4-Bromofluorobenzene	0.98		0.9833		99.3	70	130	0	0		

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- 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 22 of 22



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	GHD		Work	Order Numb	er: 210	6910		RcptNo	: 1
Received By:	Juan Roja	s	6/17/202	21 7:35:00 A	M		Juan Eng		
Completed By:	Cheyenne	Cason	6/17/202	21 9:15:39 A	M		(Sent		
Reviewed By:	JR 61	17/21							
Chain of Cust	ody								
1. Is Chain of Cu	stody compl	ete?			Yes	V	No 🗌	Not Present	
2. How was the s	ample delive	ered?			Cou	rier			
Log In									
3. Was an attemp	ot made to c	ool the sampl	es?		Yes	V	No 🗌	NA 🗌	
4. Were all samp	les received	at a temperat	ure of >0° C t	o 6.0°C	Yes	~	No 🗌	NA 🗆	
5. Sample(s) in p	roper contai	ner(s)?			Yes	V	No 🗌		
6. Sufficient samp	ole volume fo	or indicated te	st(s)?		Yes	V	No 🗌		
7. Are samples (e				d?	Yes	~	No 🗆		
8. Was preservati					Yes		No 🗸	NA 🗆	
9. Received at lea	ast 1 vial with	n headspace <	<1/4" for AQ V	OA?	Yes		No 🗌	NA 🗹	TO
10. Were any sam	ple containe	ers received br	oken?		Yes		No 🗸	#	30
11. Does paperwor					Yes	V	No 🗆	# of preserved bottles checked for pH:	6·17-7 (
12. Are matrices co					Yes	V	No 🗌	Adjusted?	
13. Is it clear what					Yes	~	No 🗆		
14. Were all holdin (If no, notify cu	Q				Yes	V	No 🗌	Checked by:	
Special Handli	ng (if app	licable)							
15. Was client not	ified of all di	screpancies v	vith this order?		Yes		No 🗌	NA 🗸	
Person I	Notified:			Date:					
By Who	m:			Via:	☐ eM	ail 🔲	Phone Fax	☐ In Person	
Regardin									
Client In	structions:								
16. Additional ren	narks:								
17. Cooler Inform	nation								
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal D	ate	Signed By		
1 2	0.3	Good							

Client: GHD Mailing Address: Houcker B Mailing Address: Houcker B 324 W. Main St. Suite 108, Artesia NM 88210 Project Manager: IN22,898C Phone #: (505)377-4218 Project #: Remail or Fax#: Becky.Haskell@ghd.com Project Manager: QA/QC Package: Date Standard Tom Larson Accreditation: Date Compliance Sampler: Zach Comino On Ice: Date DD (Type) # of Cooler: X yes Cooler Temp(maluting CF): 2 Cooler Temp(maluting CF): 2 Cooler Temp(maluting CF): 2 Cooler Temp(maluting CF): 3 Cooler Temp(maluting CF): 3 Cooler Temp(maluting CF): 3	Rush S-Dey BA Bathay	HALL	LL ENVI ALYSIS hallenvironme	IRONMENTAL I AROPATOR
Hourlock Name Hourlock Name Project Name Hourlock			TOIS	
Hour location	BA BALY	AAAAAA	.hallenvironmenta	20122001
#: (505)377-4218 #: (505)377-4218 Project #: IV23 IV23 IV23 IV24 IV24 IV25 IV25 IV26	05	4901 Hawkins NF	ON CHAIRMING TANK	al.com
#: (505)377-4218 I/23 or Fax#: Becky.Haskell@ghd.com Project Manage Package: Becky Haskell ndard Tom Larson litation: Az Compliance On Ice: AC Other # of Coolers: Cooler Templan Container R Time Matrix Sample Name R	00	Tel 505-345-3975	10	2, NIM 6/ 103
Project Manage Package: Dackage: Idard Idard Idard Idard Az Compliance AC On Ice: On Ice: On Ice: Cooler Templiance Time Matrix Sample Name Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Manage Project Project Manage Project Project Manage Project Project Manage Project Project Manage Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Project Proj			Anal	rest
Package: Idard			* (-
itation:		s,s		DO Jues
Ifation:		bce ove		
Time Matrix Sample Name On Ice: On Ice: # of Coolers: Cooler Temp Container Type and #	Zach Comino	1)) Jues
Time Matrix Sample Name Type and #	No □	.40 .480 .40	(A	91°
Time Matrix Sample Name Type and #		10 o q g qes	/ΟΛ Ο ³ '	h /
Time Matrix Sample Name Type and #	Fi 2.4-0=2.4	SD(estici	И ,- (АС	ifori
יאספום אוויים וייים ויים וייים ויים וייים	vative 0.3 -0 =0.3	He pà	8 AAS F, Br 60 (VC	tal Col
7 125	J	08 13 14	85 85 Cl	79
154 - 155.	3.6	₩ ₩		7-
1.3	700			
	003			
S-129T 3+80	700			
2-1297 5950	500			
1000 TP22-S	900			
2-2201 0101	001			
lois TP23-2	800			
1025 TP23-6	600			
1035 TP23.7	010			
1, 1040 J TP23-10	011			
1100 W TP 24-5	210	7		>
Date: Time: Relinquished by: Via:	Date Time	Remarks: Please email:	Chase	Settle@eogresources com.
021 OSCO Zeel Combon John WMMM	1/10/21 god	Tom.Larson@ghd.co	om; Zach.Comino	Tom.Larson@ghd.com; Zach.Comino@ghd.com: Along with
Date: Relinquished by: O Received by Via:	7 Date Time	Direct	Direct Bill to FOG Chase Set	Sted above. Chase Settle
18/11/900 (Iduming)	dun'er 6/17/81 7:35)	

HALL ENVIRONMENTAL SANAL	LISIS LABORATORY	environmental.com	- Albuquerque, NIM 87109	1el. 505-345-39/5 Fax 505-345-4107	Aliayala keduesi	s''s S Sent',	NAbout Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellming Sellm	8270 (1)	OS 8)28/26 50 00 10 20 10 40 10 odeside S10 S10 S10 S10 S10 S10 S10	Pestic (Methals) by 83 A 8 Me Br, 1 (VOA) (Semi	270 260 3081 3081 50B 50B	5 7 8 8 8	\\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							nase_Settle@eogresources.com; ch.Comino@ghd.com: Along with kell listed above.	Direct Bill to EOG Chase Settle Direct Bill to EOG Chase Settle Direct Bill to EOG Chase Settle	
Turn-Around Time:	Project Name:	Horuby Key PSA R. H.	Project #:	1107.83867				r: Zach Comino	A Yes 🗆 No		ading CF): 2, 4-0=2,	# Type 7/06910	100 CO13		210	016	2160	810	610		Received by: Via: Date Time	COW/PV accredited laboratories.
Client: GHD Client: GHD		Mailing Address:	324 W. Main St. Suite 108, Artesia NM 88210	Phone #: (505)377-4	email or Fax#: Becky.Haskell@ghd.com	QA/QC Package:	☐ Standard ☐ Level 4 (Full Validation)	Accreditation: Az Compliance	T EDD (Type)			Date Time Matrix Sample Name	ads21 1120 S TP24-2	2-2597 1 221	1130 7725-2	1200 TP26-2	1205 TP26-6	8-1-59T 0151	1215 V TP27-2		Date: Time: Relinquished by: Color Color Color Color Date: Time: Relinquished by:	V [V] 1900 C. C. C. C. C. C. C. C. C. C. C. C. C.



July 27, 2021

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

FAX

RE: Hornbaker BA Battery

OrderNo.: 2107641

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 3 sample(s) on 7/14/2021 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 Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Analytical ReportLab Order **2107641**

Date Reported: 7/27/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP3-10

 Project:
 Hornbaker BA Battery
 Collection Date: 7/12/2021 3:05:00 PM

 Lab ID:
 2107641-001
 Matrix: SOIL
 Received Date: 7/14/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	610	60	mg/Kg	20	7/20/2021 10:58:18 AM	61410
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/16/2021 5:37:42 PM	61345
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/16/2021 5:37:42 PM	61345
Surr: DNOP	118	70-130	%Rec	1	7/16/2021 5:37:42 PM	61345
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/17/2021 1:47:00 AM	61315
Surr: BFB	109	70-130	%Rec	1	7/17/2021 1:47:00 AM	61315
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.023	mg/Kg	1	7/17/2021 3:08:00 PM	61315
Toluene	ND	0.047	mg/Kg	1	7/17/2021 3:08:00 PM	61315
Ethylbenzene	ND	0.047	mg/Kg	1	7/17/2021 3:08:00 PM	61315
Xylenes, Total	ND	0.094	mg/Kg	1	7/17/2021 3:08:00 PM	61315
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	7/17/2021 3:08:00 PM	61315

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

- 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 1 of 6

Analytical ReportLab Order **2107641**

Date Reported: 7/27/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP3-14

 Project:
 Hornbaker BA Battery
 Collection Date: 7/12/2021 3:15:00 PM

 Lab ID:
 2107641-002
 Matrix: SOIL
 Received Date: 7/14/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	590	60	mg/Kg	20	7/20/2021 11:10:43 AM	61410
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/16/2021 6:01:35 PM	61345
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/16/2021 6:01:35 PM	61345
Surr: DNOP	119	70-130	%Rec	1	7/16/2021 6:01:35 PM	61345
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/17/2021 2:47:00 AM	61315
Surr: BFB	117	70-130	%Rec	1	7/17/2021 2:47:00 AM	61315
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.024	mg/Kg	1	7/17/2021 4:09:00 PM	61315
Toluene	ND	0.048	mg/Kg	1	7/17/2021 4:09:00 PM	61315
Ethylbenzene	ND	0.048	mg/Kg	1	7/17/2021 4:09:00 PM	61315
Xylenes, Total	ND	0.095	mg/Kg	1	7/17/2021 4:09:00 PM	61315
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	7/17/2021 4:09:00 PM	61315

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

- 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 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107641 27-Jul-21**

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: MB-61410 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 61410 RunNo: 79938

Prep Date: 7/19/2021 Analysis Date: 7/20/2021 SeqNo: 2813087 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-61410 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 61410 RunNo: 79938

Prep Date: 7/19/2021 Analysis Date: 7/20/2021 SeqNo: 2813088 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.7 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 Quantitative 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 3 of 6

Hall Environmental Analysis Laboratory, Inc.

2107641

WO#:

27-Jul-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: MB-61345 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 61345 RunNo: 79901

Prep Date: 7/15/2021 Analysis Date: 7/16/2021 SeqNo: 2810838 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 13 10.00 126 70 130

Sample ID: LCS-61345 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 61345 RunNo: 79901

4.7

Prep Date: 7/15/2021 Analysis Date: 7/16/2021 SeqNo: 2810839 Units: mg/Kg

5.000

%REC Analyte PQL SPK value SPK Ref Val LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 45 10 50.00 90.1 68.9 141

93.3

70

130

Qualifiers:

Surr: DNOP

- 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 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107641 27-Jul-21**

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: Ics-61315 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 61315 RunNo: 79869

Prep Date: 7/14/2021 Analysis Date: 7/16/2021 SeqNo: 2809671 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Gasoline Range Organics (GRO)
 23
 5.0
 25.00
 0
 93.0
 78.6
 131

 Surr: BFB
 1200
 1000
 124
 70
 130

Sample ID: mb-61315 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 61315 RunNo: 79869

Prep Date: 7/14/2021 Analysis Date: 7/16/2021 SeqNo: 2809672 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1100 1000 109 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 5 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107641 27-Jul-21**

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: Ics-61315	SampT	ype: LC	s	Tes							
Client ID: LCSS	Batcl	n ID: 61 :	315	F	RunNo: 7 9	9869					
Prep Date: 7/14/2021	Analysis D	Date: 7/	16/2021	S	SeqNo: 2	809764	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.85	0.025	1.000	0	85.4	80	120				
Toluene	0.88	0.050	1.000	0	88.1	80	120				
Ethylbenzene	0.91	0.050	1.000	0	90.7	80	120				
Xylenes, Total	2.7	0.10	3.000	0	91.5	80	120				
Surr: 4-Bromofluorobenzene	1.1		1.000		110	70	130				

Sample ID: mb-61315	1 71				TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batcl	n ID: 61 :	315	F	RunNo: 7 9	9869					
Prep Date: 7/14/2021	Analysis D	ate: 7/	16/2021	8	SeqNo: 2	809765	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	1.1		1.000		111	70	130				

Sample ID: 2107641-001ams	Samp ⁻	Туре: М\$	3	Tes								
Client ID: TP3-10	Client ID: TP3-10 Batch ID: 61315				RunNo: 79870							
Prep Date: 7/14/2021	Analysis I	Date: 7/	17/2021	9	SeqNo: 2	810386	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.80	0.024	0.9560	0	83.3	80	120					
Toluene	0.82	0.048	0.9560	0	85.4	80	120					
Ethylbenzene	0.85	0.048	0.9560	0	89.0	80	120					
Xylenes, Total	2.6	0.096	2.868	0	89.6	80	120					
Surr: 4-Bromofluorobenzene	1.1		0.9560		112	70	130					

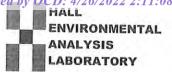
Sample ID: 2107641-001amsd	I SampT	SampType: MSD			tCode: El	iles				
Client ID: TP3-10	Client ID: TP3-10 Batch ID: 61315			F						
Prep Date: 7/14/2021	Analysis D	ate: 7/	17/2021	S	SeqNo: 2	810387	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.023	0.9183	0	85.7	80	120	1.19	20	
Toluene	0.80	0.046	0.9183	0	87.2	80	120	1.98	20	
Ethylbenzene	0.84	0.046	0.9183	0	91.4	80	120	1.38	20	
Xylenes, Total	2.6	0.092	2.755	0	92.7	80	120	0.660	20	
Surr: 4-Bromofluorobenzene	1.1		0.9183		120	70	130	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- 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 6 of 6



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD Midland	Work Order	Number: 2107641		RcptNo: 1
Received By: Cheyenne Cason	7/14/2021 7:3	0:00 AM	Chul	
Completed By: Sean Livingston	7/14/2021 8:4	5:36 AM	Chel	
Reviewed By: JR 7/14/2		11011111	S-L	Not-
Chain of Custody				
1. Is Chain of Custody complete?		Yes 🗸	No 🗌	Not Present
2. How was the sample delivered?		Courier		
Log In				
3. Was an attempt made to cool the s	amples?	Yes 🗸	No 🗌	NA 🗆
4. Were all samples received at a tem	perature of >0° C to 6.0°C	Yes 🗹	No 🗌	NA 🗆
5. Sample(s) in proper container(s)?		Yes 🗸	No 🗌	
6. Sufficient sample volume for indicat	red test(s)?	Yes 🗸	No 🗌	
7. Are samples (except VOA and ONG	properly preserved?	Yes 🗸	No 🗌	
8. Was preservative added to bottles?		Yes	No 🗸	NA 🗌
9. Received at least 1 vial with headsp	ace <1/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹
10. Were any sample containers receiv		Yes	No 🗸	
11. Does paperwork match bottle labels (Note discrepancies on chain of cus		Yes 🗸	No 🗆	# of preserved bottles checked for pH: (<2,or >12 unless noted)
2. Are matrices correctly identified on 0		Yes 🗸	No 🗌	Adjusted?
3. Is it clear what analyses were reque		Yes 🗸	No 🗌	
 Were all holding times able to be me (If no, notify customer for authorizati 		Yes 🗹	No 🗌	Checked by: TMC 7.14.21
Special Handling (if applicable	2			
15. Was client notified of all discrepanc	ies with this order?	Yes	No 🗌	NA 🔽
Person Notified:		Pate:		
By Whom:	V	'ia: eMail P	hone Fax	In Person
Regarding:				
Client Instructions:				
16. Additional remarks:				
7. <u>Cooler Information</u> Cooler No Temp °C Conditi	ion Seal Intact Seal N	lo Seal Date	Signed By	
1 0.9 Good	oca i	Obai Date	orgined by	
2 2.1 Good				

Chain-of-Custody Record Client: GHD Mailing Address: 324 W. Main St. Suite 108, Artesia NM 88210 Phone #: (505)377-4218 email or Fax#: Becky Haskell@ahd.com OA/OC Package: Standard Accreditation: Az Compliance I NELAC I EDD (Type) Date Time Matrix Sample Name ONDEX (505) ST TP3-14 I STS I STS I TRS-14 I STS I STS-14 I STS-14 I STS-14 I STS I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-14 I STS-1



July 26, 2021

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

FAX:

RE: Hornbaker BA Battery

OrderNo.: 2107642

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 23 sample(s) on 7/14/2021 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 Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: 2107642

Date Reported: 7/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Lab Order: 2107642

Project: Hornbaker BA Battery

Lab ID: 2107642-001 **Collection Date:** 7/13/2021 8:00:00 AM

Client Sample ID: TP2-12 Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed I	Batch ID
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	4700	150	mg/Kg	50	7/21/2021 3:03:25 PM	61410
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	st: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	7/16/2021 6:25:27 PM	61345
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/16/2021 6:25:27 PM	61345
Surr: DNOP	115	70-130	%Rec	1	7/16/2021 6:25:27 PM	61345
EPA METHOD 8015D: GASOLINE RANGE					Analys	st: CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/17/2021 3:07:00 AM	61315
Surr: BFB	109	70-130	%Rec	1	7/17/2021 3:07:00 AM	61315
EPA METHOD 8021B: VOLATILES					Analys	st: CCM
Benzene	ND	0.025	mg/Kg	1	7/17/2021 4:29:00 PM	61315
Toluene	ND	0.050	mg/Kg	1	7/17/2021 4:29:00 PM	61315
Ethylbenzene	ND	0.050	mg/Kg	1	7/17/2021 4:29:00 PM	61315
Xylenes, Total	ND	0.10	mg/Kg	1	7/17/2021 4:29:00 PM	61315
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	7/17/2021 4:29:00 PM	61315

Lab ID: 2107642-002 **Collection Date:** 7/13/2021 8:10:00 AM

Client Sample ID: TP2-16 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 300.0: ANIONS					An	alyst:	VP
Chloride	6000	300	mg/Kg	100	7/21/2021 3:15:49	РМ	61410
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				An	alyst:	SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	7/16/2021 6:49:21	РМ	61345
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/16/2021 6:49:21	PM	61345
Surr: DNOP	113	70-130	%Rec	1	7/16/2021 6:49:21	PM	61345
EPA METHOD 8015D: GASOLINE RANGE					An	alyst:	CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/17/2021 3:27:00	AM	61315
Surr: BFB	117	70-130	%Rec	1	7/17/2021 3:27:00	AM	61315
EPA METHOD 8021B: VOLATILES					An	alyst:	CCM
Benzene	ND	0.024	mg/Kg	1	7/17/2021 4:49:00	РМ	61315
Toluene	ND	0.048	mg/Kg	1	7/17/2021 4:49:00	PM	61315
Ethylbenzene	ND	0.048	mg/Kg	1	7/17/2021 4:49:00	PM	61315
Xylenes, Total	ND	0.096	mg/Kg	1	7/17/2021 4:49:00	PM	61315
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	7/17/2021 4:49:00	PM	61315

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 1 of 23

Lab Order: 2107642

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/26/2021

CLIENT: GHD Midland Lab Order: 2107642

Project: Hornbaker BA Battery

Lab ID: 2107642-003 **Collection Date:** 7/13/2021 8:20:00 AM

Client Sample ID: TP2-20 Matrix: SOIL

Cheff Sample ID: 172-20	Watrix: SOIL							
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch ID		
EPA METHOD 300.0: ANIONS					Ana	alyst: VP		
Chloride	8600	300	mg/Kg	100	7/23/2021 7:40:58	AM 61410		
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Ana	alyst: SB		
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/16/2021 7:13:12	PM 61345		
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/16/2021 7:13:12	PM 61345		
Surr: DNOP	115	70-130	%Rec	1	7/16/2021 7:13:12	PM 61345		
EPA METHOD 8015D: GASOLINE RANGE					Ana	alyst: CCM		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/17/2021 3:47:00	AM 61315		
Surr: BFB	125	70-130	%Rec	1	7/17/2021 3:47:00	AM 61315		
EPA METHOD 8021B: VOLATILES					An	alyst: CCM		
Benzene	ND	0.025	mg/Kg	1	7/17/2021 5:09:00	PM 61315		
Toluene	ND	0.049	mg/Kg	1	7/17/2021 5:09:00	PM 61315		
Ethylbenzene	ND	0.049	mg/Kg	1	7/17/2021 5:09:00	PM 61315		
Xylenes, Total	ND	0.098	mg/Kg	1	7/17/2021 5:09:00	PM 61315		
Surr: 4-Bromofluorobenzene	115	70-130	%Rec	1	7/17/2021 5:09:00	PM 61315		

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 23

CLIENT:

Analytical Report

Lab Order: 2107642

Date Reported: 7/26/2021

Hall Environmental Analysis Laboratory, Inc.

2107642

Lab Order:

Project: Hornbaker BA Battery

GHD Midland

Lab ID: 2107642-004 Collection Date: 7/13/2021 9:10:00 AM

Matrix: SOIL **Client Sample ID:** TP1-20

Analyses	Result	RL	Qual	Units	DF	Date Analyzed Ba	atch ID
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	650	59		mg/Kg	20	7/20/2021 12:50:00 PM	61410
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	SB
Diesel Range Organics (DRO)	760	94		mg/Kg	10	7/16/2021 7:37:02 PM	61345
Motor Oil Range Organics (MRO)	590	470		mg/Kg	10	7/16/2021 7:37:02 PM	61345
Surr: DNOP	0	70-130	S	%Rec	10	7/16/2021 7:37:02 PM	61345
EPA METHOD 8015D: GASOLINE RANGE						Analyst	CCM
Gasoline Range Organics (GRO)	58	5.0		mg/Kg	1	7/17/2021 5:29:00 PM	61315
Surr: BFB	339	70-130	S	%Rec	1	7/17/2021 5:29:00 PM	61315
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	0.033	0.025		mg/Kg	1	7/17/2021 5:29:00 PM	61315
Toluene	ND	0.050		mg/Kg	1	7/17/2021 5:29:00 PM	61315
Ethylbenzene	1.2	0.050		mg/Kg	1	7/17/2021 5:29:00 PM	61315
Xylenes, Total	1.6	0.10		mg/Kg	1	7/17/2021 5:29:00 PM	61315
Surr: 4-Bromofluorobenzene	214	70-130	S	%Rec	1	7/17/2021 5:29:00 PM	61315

Lab ID: 2107642-005 **Collection Date:** 7/13/2021 9:45:00 AM

Client Sample ID: TP9-8 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed 1	Batch ID
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	590	60	mg/Kg	20	7/20/2021 1:02:25 PM	61410
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	st: SB
Diesel Range Organics (DRO)	26	9.5	mg/Kg	1	7/21/2021 11:42:35 A	M 61345
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/21/2021 11:42:35 A	M 61345
Surr: DNOP	87.2	70-130	%Rec	1	7/21/2021 11:42:35 A	M 61345
EPA METHOD 8015D: GASOLINE RANGE					Analys	st: CCM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/17/2021 4:47:00 AM	61315
Surr: BFB	116	70-130	%Rec	1	7/17/2021 4:47:00 AM	61315
EPA METHOD 8021B: VOLATILES					Analys	st: CCM
Benzene	ND	0.023	mg/Kg	1	7/17/2021 6:09:00 PM	61315
Toluene	ND	0.047	mg/Kg	1	7/17/2021 6:09:00 PM	61315
Ethylbenzene	ND	0.047	mg/Kg	1	7/17/2021 6:09:00 PM	61315
Xylenes, Total	ND	0.094	mg/Kg	1	7/17/2021 6:09:00 PM	61315
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	7/17/2021 6:09:00 PM	61315

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

Qualifiers:

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

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

Page 3 of 23

Lab Order: 2107642

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/26/2021

CLIENT: GHD Midland Lab Order: 2107642

Project: Hornbaker BA Battery

Lab ID: 2107642-006 **Collection Date:** 7/13/2021 10:00:00 AM

Client Sample ID: TP9-10 Matrix: SOIL

Cheff Sample 1D: 11 9-10	Matrix: SOIL							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch ID		
EPA METHOD 300.0: ANIONS					Ana	alyst: VP		
Chloride	140	59	mg/Kg	20	7/20/2021 1:14:50	PM 61410		
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Ana	alyst: SB		
Diesel Range Organics (DRO)	17	9.6	mg/Kg	1	7/21/2021 11:54:24	AM 61345		
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/21/2021 11:54:24	AM 61345		
Surr: DNOP	88.1	70-130	%Rec	1	7/21/2021 11:54:24	AM 61345		
EPA METHOD 8015D: GASOLINE RANGE					Ana	alyst: CCM		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/17/2021 5:06:00	AM 61315		
Surr: BFB	109	70-130	%Rec	1	7/17/2021 5:06:00	AM 61315		
EPA METHOD 8021B: VOLATILES					Ana	alyst: CCM		
Benzene	ND	0.024	mg/Kg	1	7/17/2021 6:29:00	PM 61315		
Toluene	ND	0.048	mg/Kg	1	7/17/2021 6:29:00	PM 61315		
Ethylbenzene	ND	0.048	mg/Kg	1	7/17/2021 6:29:00	PM 61315		
Xylenes, Total	ND	0.096	mg/Kg	1	7/17/2021 6:29:00	PM 61315		
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	7/17/2021 6:29:00	PM 61315		

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 4 of 23

CLIENT:

Analytical Report

Lab Order: 2107642

Date Reported: 7/26/2021

2107642

Hall Environmental Analysis Laboratory, Inc.

Lab Order:

Project: Hornbaker BA Battery

GHD Midland

Lab ID: 2107642-007 **Collection Date:** 7/13/2021 10:30:00 AM

Client Sample ID: TP6-12 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 300.0: ANIONS					А	nalyst:	VP
Chloride	8500	300	mg/Kg	100	7/21/2021 11:00:	21 AM	61418
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Α	nalyst:	SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	7/17/2021 10:21:	30 AM	61348
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/17/2021 10:21:	30 AM	61348
Surr: DNOP	115	70-130	%Rec	1	7/17/2021 10:21:	30 AM	61348
EPA METHOD 8015D: GASOLINE RANGE					Α	nalyst:	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/16/2021 4:15:3	9 PM	61317
Surr: BFB	101	70-130	%Rec	1	7/16/2021 4:15:3	9 PM	61317
EPA METHOD 8021B: VOLATILES					Α	nalyst:	NSB
Benzene	ND	0.025	mg/Kg	1	7/16/2021 4:15:3	9 PM	61317
Toluene	ND	0.050	mg/Kg	1	7/16/2021 4:15:3	9 PM	61317
Ethylbenzene	ND	0.050	mg/Kg	1	7/16/2021 4:15:3	9 PM	61317
Xylenes, Total	ND	0.099	mg/Kg	1	7/16/2021 4:15:3	9 PM	61317
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	7/16/2021 4:15:3	9 PM	61317

Lab ID: 2107642-008 **Collection Date:** 7/13/2021 10:40:00 AM

Client Sample ID: TP6-16 Matrix: SOIL

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Bato	ch ID
EPA METHOD 300.0: ANIONS					Ana	alyst: V	۷P
Chloride	9900	300	mg/Kg	100	7/21/2021 11:12:46	SAM 6	61418
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	alyst: S	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/17/2021 10:59:16	SAM 6	61348
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/17/2021 10:59:16	SAM 6	61348
Surr: DNOP	117	70-130	%Rec	1	7/17/2021 10:59:16	SAM 6	61348
EPA METHOD 8015D: GASOLINE RANGE					Ana	alyst: N	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/16/2021 5:27:13	PM 6	61317
Surr: BFB	100	70-130	%Rec	1	7/16/2021 5:27:13	PM 6	61317
EPA METHOD 8021B: VOLATILES					Ana	alyst: N	NSB
Benzene	ND	0.025	mg/Kg	1	7/16/2021 5:27:13	PM 6	61317
Toluene	ND	0.050	mg/Kg	1	7/16/2021 5:27:13	PM 6	61317
Ethylbenzene	ND	0.050	mg/Kg	1	7/16/2021 5:27:13	PM 6	61317
Xylenes, Total	ND	0.10	mg/Kg	1	7/16/2021 5:27:13	PM 6	61317
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	7/16/2021 5:27:13	PM 6	61317

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 5 of 23

Lab Order: 2107642

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/26/2021

CLIENT: GHD Midland Lab Order: 2107642

Project: Hornbaker BA Battery

Lab ID: 2107642-009 **Collection Date:** 7/13/2021 10:50:00 AM

Client Sample ID: TP6-20 Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch ID Analyses EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 200 7/21/2021 4:05:27 PM 61418 9900 610 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 7/17/2021 11:11:45 AM 61348 ND 9.3 mg/Kg mg/Kg Motor Oil Range Organics (MRO) ND 7/17/2021 11:11:45 AM 61348 46 1 Surr: DNOP 114 70-130 %Rec 7/17/2021 11:11:45 AM 61348 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 7/16/2021 6:38:37 PM 61317 Surr: BFB 97.8 70-130 %Rec 1 7/16/2021 6:38:37 PM 61317 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 7/16/2021 6:38:37 PM 61317 Toluene ND 0.049 mg/Kg 7/16/2021 6:38:37 PM 61317 Ethylbenzene ND 0.049 mg/Kg 1 7/16/2021 6:38:37 PM 61317 Xylenes, Total ND 0.099 mg/Kg 7/16/2021 6:38:37 PM 61317 Surr: 4-Bromofluorobenzene 101 70-130 %Rec 7/16/2021 6:38:37 PM 61317

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 6 of 23

Lab Order: **2107642**

Date Reported: 7/26/2021

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2107642

CLIENT: GHD Midland

Project: Hornbaker BA Battery

,

Lab ID: 2107642-010 **Collection Date:** 7/13/2021 11:25:00 AM

Client Sample ID: TP5-12 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	ID
EPA METHOD 300.0: ANIONS					An	alyst: VP	,
Chloride	5400	300	mg/Kg	100	7/21/2021 11:37:3	5 AM 614	418
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				An	alyst: SB	š
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/17/2021 11:24:3	0 AM 613	348
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/17/2021 11:24:3	0 AM 613	348
Surr: DNOP	115	70-130	%Rec	1	7/17/2021 11:24:3	0 AM 613	348
EPA METHOD 8015D: GASOLINE RANGE					An	alyst: NS	ŝВ
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/16/2021 7:02:22	PM 613	317
Surr: BFB	98.4	70-130	%Rec	1	7/16/2021 7:02:22	PM 613	317
EPA METHOD 8021B: VOLATILES					An	alyst: NS	ŝВ
Benzene	ND	0.025	mg/Kg	1	7/16/2021 7:02:22	PM 613	317
Toluene	ND	0.050	mg/Kg	1	7/16/2021 7:02:22	PM 613	317
Ethylbenzene	ND	0.050	mg/Kg	1	7/16/2021 7:02:22	PM 613	317
Xylenes, Total	ND	0.10	mg/Kg	1	7/16/2021 7:02:22	PM 613	317
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	7/16/2021 7:02:22	PM 613	317

Lab ID: 2107642-011 **Collection Date:** 7/13/2021 11:30:00 AM

Client Sample ID: TP5-16 Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batc	ch ID
EPA METHOD 300.0: ANIONS					Ana	ılyst: V	/P
Chloride	7300	300	mg/Kg	100	7/21/2021 11:50:00	AM 6	31418
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	ılyst: S	}B
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/17/2021 11:36:56	SAM 6	31348
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/17/2021 11:36:56	AM 6	31348
Surr: DNOP	115	70-130	%Rec	1	7/17/2021 11:36:56	AM 6	61348
EPA METHOD 8015D: GASOLINE RANGE					Ana	ılyst: N	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/16/2021 7:26:07	PM 6	61317
Surr: BFB	99.7	70-130	%Rec	1	7/16/2021 7:26:07	PM 6	61317
EPA METHOD 8021B: VOLATILES					Ana	ılyst: N	NSB
Benzene	ND	0.025	mg/Kg	1	7/16/2021 7:26:07	PM 6	61317
Toluene	ND	0.050	mg/Kg	1	7/16/2021 7:26:07	PM 6	61317
Ethylbenzene	ND	0.050	mg/Kg	1	7/16/2021 7:26:07	PM 6	61317
Xylenes, Total	ND	0.10	mg/Kg	1	7/16/2021 7:26:07	PM 6	61317
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	7/16/2021 7:26:07	PM 6	61317

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 7 of 23

Lab Order: 2107642

Date Reported: 7/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Lab Order: 2107642

Project: Hornbaker BA Battery

Lab ID: 2107642-012 **Collection Date:** 7/13/2021 11:40:00 AM

Client Sample ID: TP5-20 Matrix: SOIL

		Maurix	. 50	IL		
Result	RL	Qual Units	DF	Date Analyzed	Ba	tch ID
				An	alyst:	VP
9200	300	mg/Kg	100	7/21/2021 12:02:2	5 PM	61418
GANICS				An	alyst:	SB
ND	9.9	mg/Kg	1	7/17/2021 11:49:3	8 AM	61348
ND	50	mg/Kg	1	7/17/2021 11:49:3	8 AM	61348
120	70-130	%Rec	1	7/17/2021 11:49:3	8 AM	61348
				An	alyst:	NSB
ND	5.0	mg/Kg	1	7/16/2021 7:49:52	PM	61317
98.9	70-130	%Rec	1	7/16/2021 7:49:52	PM	61317
				An	alyst:	NSB
ND	0.025	mg/Kg	1	7/16/2021 7:49:52	PM	61317
ND	0.050	mg/Kg	1	7/16/2021 7:49:52	PM	61317
ND	0.050	mg/Kg	1	7/16/2021 7:49:52	PM	61317
ND	0.099	mg/Kg	1	7/16/2021 7:49:52	PM	61317
103	70-130	%Rec	1	7/16/2021 7:49:52	PM	61317
	9200 GANICS ND ND 120 ND 98.9 ND ND ND ND ND ND ND ND	9200 300 GANICS ND 9.9 ND 50 120 70-130 ND 5.0 98.9 70-130 ND 0.025 ND 0.050 ND 0.050 ND 0.099	Result RL Qual Units 9200 300 mg/Kg GANICS MD 9.9 mg/Kg ND 50 mg/Kg 120 70-130 %Rec ND 5.0 mg/Kg 98.9 70-130 %Rec ND 0.025 mg/Kg ND 0.050 mg/Kg ND 0.050 mg/Kg ND 0.050 mg/Kg ND 0.099 mg/Kg	Result RL Qual Units DF 9200 300 mg/Kg 100 GANICS ND 9.9 mg/Kg 1 ND 50 mg/Kg 1 120 70-130 %Rec 1 ND 5.0 mg/Kg 1 98.9 70-130 %Rec 1 ND 0.025 mg/Kg 1 ND 0.050 mg/Kg 1 ND 0.050 mg/Kg 1 ND 0.050 mg/Kg 1 ND 0.099 mg/Kg 1	An 9200 300 mg/Kg 100 7/21/2021 12:02:2 GANICS An ND 9.9 mg/Kg 1 7/17/2021 11:49:3 ND 50 mg/Kg 1 7/17/2021 11:49:3 120 70-130 %Rec 1 7/17/2021 11:49:3 An ND 5.0 mg/Kg 1 7/16/2021 7:49:52 98.9 70-130 %Rec 1 7/16/2021 7:49:52 An ND 0.025 mg/Kg 1 7/16/2021 7:49:52 ND 0.050 mg/Kg 1 7/16/2021 7:49:52 ND 0.050 mg/Kg 1 7/16/2021 7:49:52 ND 0.050 mg/Kg 1 7/16/2021 7:49:52 ND 0.050 mg/Kg 1 7/16/2021 7:49:52 ND 0.099 mg/Kg 1 7/16/2021 7:49:52	Result RL Qual Units DF Date Analyzed Bate Analyzed Bate Analyzed 9200 300 mg/Kg 100 7/21/2021 12:02:25 PM GANICS Analyst: ND 9.9 mg/Kg 1 7/17/2021 11:49:38 AM ND 50 mg/Kg 1 7/17/2021 11:49:38 AM 120 70-130 %Rec 1 7/17/2021 11:49:38 AM ND 5.0 mg/Kg 1 7/16/2021 7:49:52 PM 98.9 70-130 %Rec 1 7/16/2021 7:49:52 PM 98.9 70-130 %Rec 1 7/16/2021 7:49:52 PM ND 0.025 mg/Kg 1 7/16/2021 7:49:52 PM ND 0.050 mg/Kg 1 7/16/2021 7:49:52 PM ND 0.050

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 8 of 23

CLIENT:

Analytical Report

Lab Order: 2107642

Date Reported: 7/26/2021

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2107642

Project: Hornbaker BA Battery

GHD Midland

Lab ID: 2107642-013 **Collection Date:** 7/13/2021 1:15:00 PM

Client Sample ID: TP11-8 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 300.0: ANIONS					Anal	yst:	VP
Chloride	8600	300	mg/Kg	100	7/21/2021 12:14:50	РМ	61418
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Anal	yst:	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	7/17/2021 12:02:08	РМ	61348
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/17/2021 12:02:08	РМ	61348
Surr: DNOP	118	70-130	%Rec	1	7/17/2021 12:02:08	PM	61348
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst:	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/16/2021 8:13:31 P	PM	61317
Surr: BFB	97.7	70-130	%Rec	1	7/16/2021 8:13:31 P	PM	61317
EPA METHOD 8021B: VOLATILES					Anal	yst:	NSB
Benzene	ND	0.024	mg/Kg	1	7/16/2021 8:13:31 P	PM	61317
Toluene	ND	0.049	mg/Kg	1	7/16/2021 8:13:31 P	PM	61317
Ethylbenzene	ND	0.049	mg/Kg	1	7/16/2021 8:13:31 P	PM	61317
Xylenes, Total	ND	0.098	mg/Kg	1	7/16/2021 8:13:31 P	PM	61317
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	7/16/2021 8:13:31 P	PM	61317

Lab ID: 2107642-014 **Collection Date:** 7/13/2021 1:25:00 PM

Client Sample ID: TP11-12 Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Bate	ch ID
EPA METHOD 300.0: ANIONS					Ana	alyst: \	VP
Chloride	9500	300	mg/Kg	100	7/21/2021 12:27:14	PM (61418
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	alyst: \$	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/17/2021 12:14:47	PM (61348
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/17/2021 12:14:47	PM (61348
Surr: DNOP	122	70-130	%Rec	1	7/17/2021 12:14:47	PM (61348
EPA METHOD 8015D: GASOLINE RANGE					Ana	alyst: I	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/16/2021 8:37:08	PM (61317
Surr: BFB	98.7	70-130	%Rec	1	7/16/2021 8:37:08	PM (61317
EPA METHOD 8021B: VOLATILES					Ana	alyst: I	NSB
Benzene	ND	0.024	mg/Kg	1	7/16/2021 8:37:08	PM (61317
Toluene	ND	0.048	mg/Kg	1	7/16/2021 8:37:08	PM (61317
Ethylbenzene	ND	0.048	mg/Kg	1	7/16/2021 8:37:08	PM (61317
Xylenes, Total	ND	0.096	mg/Kg	1	7/16/2021 8:37:08	PM (61317
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	7/16/2021 8:37:08	PM (61317

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 9 of 23

Lab Order: 2107642

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/26/2021

CLIENT: GHD Midland Lab Order: 2107642

Project: Hornbaker BA Battery

Lab ID: 2107642-015 **Collection Date:** 7/13/2021 1:35:00 PM

Client Sample ID: TP11-15 Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Analyses Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 8800 100 7/21/2021 12:39:39 PM 61418 300 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 7/17/2021 12:27:20 PM 61348 ND 9.9 mg/Kg Motor Oil Range Organics (MRO) ND mg/Kg 7/17/2021 12:27:20 PM 61348 49 1 Surr: DNOP 130 70-130 %Rec 7/17/2021 12:27:20 PM 61348 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 7/16/2021 9:00:46 PM 61317 Surr: BFB 97.4 70-130 %Rec 1 7/16/2021 9:00:46 PM 61317 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 7/16/2021 9:00:46 PM 61317 Toluene ND 0.050 mg/Kg 7/16/2021 9:00:46 PM 61317 Ethylbenzene ND 0.050 mg/Kg 1 7/16/2021 9:00:46 PM 61317 Xylenes, Total ND 0.10 mg/Kg 7/16/2021 9:00:46 PM 61317 Surr: 4-Bromofluorobenzene 102 70-130 %Rec 7/16/2021 9:00:46 PM 61317

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 10 of 23

Lab Order: 2107642

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/26/2021

CLIENT: GHD Midland Lab Order: 2107642

Project: Hornbaker BA Battery

Lab ID: 2107642-016 **Collection Date:** 7/13/2021 1:45:00 PM

Client Sample ID: TP11-18 Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	d Ba	tch ID
EPA METHOD 300.0: ANIONS					,	Analyst:	VP
Chloride	10000	600	mg/Kg	200	7/21/2021 1:16:	54 PM	61418
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				,	Analyst:	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/17/2021 12:39	9:55 PM	61348
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/17/2021 12:39	9:55 PM	61348
Surr: DNOP	118	70-130	%Rec	1	7/17/2021 12:39	9:55 PM	61348
EPA METHOD 8015D: GASOLINE RANGE					,	Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/16/2021 9:24:	23 PM	61317
Surr: BFB	96.1	70-130	%Rec	1	7/16/2021 9:24:	23 PM	61317
EPA METHOD 8021B: VOLATILES					,	Analyst:	NSB
Benzene	ND	0.024	mg/Kg	1	7/16/2021 9:24:	23 PM	61317
Toluene	ND	0.049	mg/Kg	1	7/16/2021 9:24:	23 PM	61317
Ethylbenzene	ND	0.049	mg/Kg	1	7/16/2021 9:24:	23 PM	61317
Xylenes, Total	ND	0.097	mg/Kg	1	7/16/2021 9:24:	23 PM	61317
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	7/16/2021 9:24:	23 PM	61317

Lab ID: 2107642-017 **Collection Date:** 7/13/2021 1:50:00 PM

Client Sample ID: TP11-20 Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch	h ID
EPA METHOD 300.0: ANIONS					Ana	alyst: VI	Р
Chloride	16000	610	mg/Kg	200	7/21/2021 1:29:18	PM 61	1418
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	alyst: SI	В
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/17/2021 12:52:3	3 PM 61	1348
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/17/2021 12:52:3	3 PM 61	1348
Surr: DNOP	111	70-130	%Rec	1	7/17/2021 12:52:3	3 PM 61	1348
EPA METHOD 8015D: GASOLINE RANGE					Ana	alyst: N	SB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/16/2021 10:35:04	4 PM 61	1317
Surr: BFB	95.2	70-130	%Rec	1	7/16/2021 10:35:0	4 PM 61	1317
EPA METHOD 8021B: VOLATILES					Ana	alyst: N	SB
Benzene	ND	0.025	mg/Kg	1	7/16/2021 10:35:04	4 PM 61	1317
Toluene	ND	0.050	mg/Kg	1	7/16/2021 10:35:04	4 PM 61	1317
Ethylbenzene	ND	0.050	mg/Kg	1	7/16/2021 10:35:04	4 PM 61	1317
Xylenes, Total	ND	0.099	mg/Kg	1	7/16/2021 10:35:04	4 PM 61	1317
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	7/16/2021 10:35:0	4 PM 61	1317

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 11 of 23

Lab Order: 2107642

Date Reported: 7/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Lab Order: 2107642

Project: Hornbaker BA Battery

Lab ID: 2107642-018 **Collection Date:** 7/13/2021 2:10:00 PM

Client Sample ID: TP13-7 Matrix: SOIL

chem sumple 12.									
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Ba	tch ID		
EPA METHOD 300.0: ANIONS					An	alyst:	VP		
Chloride	11000	600	mg/Kg	200	7/21/2021 1:41:42	PM	61418		
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				An	alyst:	SB		
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	7/17/2021 1:05:10	PM	61348		
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/17/2021 1:05:10	PM	61348		
Surr: DNOP	120	70-130	%Rec	1	7/17/2021 1:05:10	PM	61348		
EPA METHOD 8015D: GASOLINE RANGE					An	alyst:	NSB		
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/16/2021 10:58:3	85 PM	61317		
Surr: BFB	94.7	70-130	%Rec	1	7/16/2021 10:58:3	85 PM	61317		
EPA METHOD 8021B: VOLATILES					An	alyst:	NSB		
Benzene	ND	0.025	mg/Kg	1	7/16/2021 10:58:3	85 PM	61317		
Toluene	ND	0.050	mg/Kg	1	7/16/2021 10:58:3	85 PM	61317		
Ethylbenzene	ND	0.050	mg/Kg	1	7/16/2021 10:58:3	85 PM	61317		
Xylenes, Total	ND	0.099	mg/Kg	1	7/16/2021 10:58:3	85 PM	61317		
Surr: 4-Bromofluorobenzene	99.9	70-130	%Rec	1	7/16/2021 10:58:3	85 PM	61317		

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 12 of 23

Lab Order: 2107642

Date Reported: 7/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Lab Order: 2107642

Project: Hornbaker BA Battery

Lab ID: 2107642-019 **Collection Date:** 7/13/2021 2:30:00 PM

Client Sample ID: TP13-14 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyze	d Ba	tch ID
EPA METHOD 300.0: ANIONS					,	Analyst:	VP
Chloride	8500	300	mg/Kg	100	7/21/2021 1:54:	07 PM	61418
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				,	Analyst:	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/17/2021 1:17:	47 PM	61348
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/17/2021 1:17:	47 PM	61348
Surr: DNOP	110	70-130	%Rec	1	7/17/2021 1:17:	47 PM	61348
EPA METHOD 8015D: GASOLINE RANGE					,	Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/16/2021 11:22	2:09 PM	61317
Surr: BFB	95.8	70-130	%Rec	1	7/16/2021 11:22	2:09 PM	61317
EPA METHOD 8021B: VOLATILES					,	Analyst:	NSB
Benzene	ND	0.025	mg/Kg	1	7/16/2021 11:2:	2:09 PM	61317
Toluene	ND	0.049	mg/Kg	1	7/16/2021 11:22	2:09 PM	61317
Ethylbenzene	ND	0.049	mg/Kg	1	7/16/2021 11:22	2:09 PM	61317
Xylenes, Total	ND	0.098	mg/Kg	1	7/16/2021 11:22	2:09 PM	61317
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	7/16/2021 11:22	2:09 PM	61317

Lab ID: 2107642-020 **Collection Date:** 7/13/2021 2:45:00 PM

Client Sample ID: TP13-20 Matrix: SOIL

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch	ID
EPA METHOD 300.0: ANIONS					Ana	ılyst: VP	,
Chloride	13000	600	mg/Kg	200	7/21/2021 2:06:32	PM 614	418
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	ılyst: SB	3
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	7/17/2021 1:30:26	PM 613	348
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/17/2021 1:30:26	PM 613	348
Surr: DNOP	108	70-130	%Rec	1	7/17/2021 1:30:26	PM 613	348
EPA METHOD 8015D: GASOLINE RANGE					Ana	ılyst: NS	ŝВ
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/16/2021 11:45:35	PM 613	317
Surr: BFB	95.5	70-130	%Rec	1	7/16/2021 11:45:35	PM 613	317
EPA METHOD 8021B: VOLATILES					Ana	ılyst: NS	ŝВ
Benzene	ND	0.024	mg/Kg	1	7/16/2021 11:45:35	PM 613	317
Toluene	ND	0.049	mg/Kg	1	7/16/2021 11:45:35	PM 613	317
Ethylbenzene	ND	0.049	mg/Kg	1	7/16/2021 11:45:35	PM 613	317
Xylenes, Total	ND	0.098	mg/Kg	1	7/16/2021 11:45:35	PM 613	317
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	7/16/2021 11:45:35	PM 613	317

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 13 of 23

CLIENT:

Analytical Report

Lab Order: 2107642

Hall Environmental Analysis Laboratory, Inc.

Lab Order:

Date Reported: 7/26/2021

2107642

Project: Hornbaker BA Battery

GHD Midland

Lab ID: 2107642-021 **Collection Date:** 7/13/2021 3:20:00 PM

Client Sample ID: TP15-14 Matrix: SOIL

Client Sample ID: 1P15-14			Matrix	: 50)IL		
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Bat	ch ID
EPA METHOD 300.0: ANIONS					Ana	alyst: '	VP
Chloride	4200	150	mg/Kg	50	7/21/2021 2:18:56	PM	61418
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	alyst: :	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/17/2021 1:43:04	PM	61348
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/17/2021 1:43:04	PM	61348
Surr: DNOP	108	70-130	%Rec	1	7/17/2021 1:43:04	PM	61348
EPA METHOD 8015D: GASOLINE RANGE					Ana	alyst:	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/17/2021 12:09:0	5 AM	61317
Surr: BFB	95.5	70-130	%Rec	1	7/17/2021 12:09:0	5 AM	61317
EPA METHOD 8021B: VOLATILES					Ana	alyst:	NSB
Benzene	ND	0.025	mg/Kg	1	7/17/2021 12:09:0	5 AM	61317
Toluene	ND	0.049	mg/Kg	1	7/17/2021 12:09:0	5 AM	61317
Ethylbenzene	ND	0.049	mg/Kg	1	7/17/2021 12:09:0	5 AM	61317
Xylenes, Total	ND	0.099	mg/Kg	1	7/17/2021 12:09:0	5 AM	61317
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	7/17/2021 12:09:0	5 AM	61317

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

Qualifiers:

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

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

Page 14 of 23

Lab Order: 2107642

Date Reported: 7/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Lab Order: 2107642

Project: Hornbaker BA Battery

Lab ID: 2107642-022 **Collection Date:** 7/13/2021 3:30:00 PM

Client Sample ID: TP15-16 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analy	yzed Ba	tch ID
EPA METHOD 300.0: ANIONS							Analyst:	VP
Chloride	6000	300		mg/Kg	100	7/21/2021 2	2:31:21 PM	61418
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS						Analyst:	SB
Diesel Range Organics (DRO)	390	9.9		mg/Kg	1	7/17/2021 1	:55:42 PM	61348
Motor Oil Range Organics (MRO)	170	49		mg/Kg	1	7/17/2021 1	:55:42 PM	61348
Surr: DNOP	106	70-130		%Rec	1	7/17/2021 1	:55:42 PM	61348
EPA METHOD 8015D: GASOLINE RANGE							Analyst:	NSB
Gasoline Range Organics (GRO)	9.7	4.9		mg/Kg	1	7/17/2021 1	2:32:36 AM	61317
Surr: BFB	165	70-130	S	%Rec	1	7/17/2021 1	2:32:36 AM	61317
EPA METHOD 8021B: VOLATILES							Analyst:	NSB
Benzene	ND	0.025		mg/Kg	1	7/17/2021 1	2:32:36 AM	61317
Toluene	ND	0.049		mg/Kg	1	7/17/2021 1	2:32:36 AM	61317
Ethylbenzene	0.071	0.049		mg/Kg	1	7/17/2021 1	2:32:36 AM	61317
Xylenes, Total	0.30	0.099		mg/Kg	1	7/17/2021 1	2:32:36 AM	61317
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	7/17/2021 1	2:32:36 AM	61317

Lab ID: 2107642-023 **Collection Date:** 7/13/2021 3:40:00 PM

Client Sample ID: TP15-20 Matrix: SOIL

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Bate	ch ID
EPA METHOD 300.0: ANIONS					Ana	alyst: \	VP
Chloride	6100	300	mg/Kg	100	7/21/2021 2:43:45	PM 6	61418
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	alyst: \$	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	7/17/2021 2:21:16	PM 6	61348
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/17/2021 2:21:16	PM 6	61348
Surr: DNOP	110	70-130	%Rec	1	7/17/2021 2:21:16	PM 6	61348
EPA METHOD 8015D: GASOLINE RANGE					Ana	alyst: I	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/17/2021 12:56:04	4 AM 6	61317
Surr: BFB	95.7	70-130	%Rec	1	7/17/2021 12:56:04	4 AM 6	61317
EPA METHOD 8021B: VOLATILES					Ana	alyst: I	NSB
Benzene	ND	0.025	mg/Kg	1	7/17/2021 12:56:04	4 AM 6	61317
Toluene	ND	0.049	mg/Kg	1	7/17/2021 12:56:04	4 AM 6	61317
Ethylbenzene	ND	0.049	mg/Kg	1	7/17/2021 12:56:04	4 AM 6	61317
Xylenes, Total	ND	0.099	mg/Kg	1	7/17/2021 12:56:04	4 AM 6	61317
Surr: 4-Bromofluorobenzene	99.9	70-130	%Rec	1	7/17/2021 12:56:04	4 AM	61317

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 15 of 23

Lab Order: 2107642

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/26/2021

CLIENT: GHD Midland Lab Order: 2107642

Project: Hornbaker BA Battery

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 16 of 23

Hall Environmental Analysis Laboratory, Inc.

2107642 26-Jul-21

WO#:

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: MB-61418 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 61418 RunNo: 79937

Prep Date: 7/20/2021 Analysis Date: 7/20/2021 SeqNo: 2812767 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-61418 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 61418 RunNo: 79937

Prep Date: 7/20/2021 Analysis Date: 7/20/2021 SeqNo: 2812768 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 92.4 90 110

Sample ID: MB-61410 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 61410 RunNo: 79938

Prep Date: 7/19/2021 Analysis Date: 7/20/2021 SeqNo: 2813087 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-61410 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 61410 RunNo: 79938

Prep Date: 7/19/2021 Analysis Date: 7/20/2021 SeqNo: 2813088 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.7 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 17 of 23

Hall Environmental Analysis Laboratory, Inc.

Result

54

6.2

WO#: **2107642 26-Jul-21**

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: MB-61345	SampTy	/pe: M	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch	ID: 61	345	F	tunNo: 7	9901				
Prep Date: 7/15/2021	Analysis Da	ate: 7/	16/2021	S	SeqNo: 2	810838	Units: mg/k	(g		
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	13		10.00		126	70	130			
Sample ID: LCS-61345	SampTy	/pe: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch	ID: 61	345	F	lunNo: 7	9901				
Prep Date: 7/15/2021	Analysis Da	ate: 7/	16/2021	S	SeqNo: 2	810839	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.1	68.9	141			
Surr: DNOP	4.7		5.000		93.3	70	130			
Sample ID: MB-61348	SampTy	/pe: M	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch	ID: 61	348	F	lunNo: 7	9910				
Prep Date: 7/15/2021	Analysis Da	ate: 7/	17/2021	8	SeqNo: 2	812162	Units: mg/k	(g		
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	13		10.00		129	70	130			
Sample ID: LCS-61348	SampTy	/pe: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch	ID: 61	348	F	tunNo: 7	9910				
Prep Date: 7/15/2021	Analysis Da	ate: 7/	17/2021	S	SeqNo: 2	812163	Units: mg/k	(g		

Sample ID: 2107642-007AMS	Sampl	ype: MS	5	les	tCode: El	A Method	8015M/D: Die	esel Range	e Organics	
Client ID: TP6-12	Batch	1D: 61	348	F	RunNo: 7 9	9910				
Prep Date: 7/15/2021	Analysis D	ate: 7/	17/2021	8	SeqNo: 28	812164	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	9.7	48.54	0	91.2	15	184			
Surr: DNOP	5.1		4.854		106	70	130			

PQL SPK value SPK Ref Val %REC LowLimit

50.00

5.000

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Diesel Range Organics (DRO)

Surr: DNOP

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

B Analyte detected in the associated Method Blank

108

123

HighLimit

141

130

68.9

70

%RPD

RPDLimit

- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 18 of 23

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107642 26-Jul-21**

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: 2107642-007AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: **TP6-12** Batch ID: **61348** RunNo: **79910**

Prep Date: 7/15/2021 Analysis Date: 7/17/2021 SeqNo: 2812165 Units: mg/Kg

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual Diesel Range Organics (DRO) 0 44 9.6 48.17 91.1 15 184 0.903 23.9 Surr: DNOP 5.1 4.817 70 130 0

Sample ID: MB-61434 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 61434 RunNo: 79955

Prep Date: 7/20/2021 Analysis Date: 7/21/2021 SeqNo: 2813627 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 10 10.00 101 70 130

Sample ID: LCS-61434 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 61434 RunNo: 79955

Prep Date: 7/20/2021 Analysis Date: 7/21/2021 SeqNo: 2813628 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 4.2 5.000 84.3 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 19 of 23

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107642 26-Jul-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: Ics-61315 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 61315 RunNo: 79869

Prep Date: 7/14/2021 Analysis Date: 7/16/2021 SeqNo: 2809671 Units: mq/Kq

SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit Qual Gasoline Range Organics (GRO) 23 5.0 25.00 Λ 93.0 78.6 131 Surr: BFB 1200 1000 124 130

Sample ID: mb-61315 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 61315 RunNo: 79869

Prep Date: 7/14/2021 Units: mg/Kg Analysis Date: 7/16/2021 SeqNo: 2809672

%RPD Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Qual Gasoline Range Organics (GRO) ND 5.0

109

70

130

Sample ID: mb-61317 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

1000

Client ID: PBS Batch ID: 61317 RunNo: 79857

1100

Prep Date: 7/14/2021 Analysis Date: 7/16/2021 SeqNo: 2809863 Units: mg/Kg

SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result PQL HighLimit Qual Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 970 1000 97.4 70 130

Sample ID: Ics-61317 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 61317 RunNo: 79857

Prep Date: 7/14/2021 Analysis Date: 7/16/2021 SeqNo: 2809864 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Result PQL LowLimit HighLimit Qual Gasoline Range Organics (GRO) 26 5.0 0 102 25.00 78.6 131

Surr: BFB 1100 1000 109 70 130

Sample ID: 2107642-007ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: TP6-12 Batch ID: 61317 RunNo: 79857

Prep Date: 7/14/2021 Analysis Date: 7/16/2021 SegNo: 2809866 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 23 5.0 0 61.3 24.80 94.5 114 Surr: BFB 1100 992.1 113 70 130

Sample ID: 2107642-007amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: TP6-12 Batch ID: 61317 RunNo: 79857

Prep Date: 7/14/2021 Units: mg/Kg Analysis Date: 7/16/2021 SeqNo: 2809867

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual

Qualifiers:

Surr: BFB

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

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

Page 20 of 23

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107642**

26-Jul-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: 2107642-007amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: **TP6-12** Batch ID: **61317** RunNo: **79857**

Prep Date: 7/14/2021 Analysis Date: 7/16/2021 SeqNo: 2809867 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0 92.1 61.3 3.52 20 Gasoline Range Organics (GRO) 23 4.9 24.56 114 Surr: BFB 1100 982.3 110 70 130 0 0

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- 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 21 of 23

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107642**

26-Jul-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: Ics-61315	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batcl	n ID: 61 :	315	F	RunNo: 7 9	9869				
Prep Date: 7/14/2021	Analysis D	Date: 7/	16/2021	S	SeqNo: 2	809764	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.4	80	120			В
Toluene	0.88	0.050	1.000	0	88.1	80	120			В
Ethylbenzene	0.91	0.050	1.000	0	90.7	80	120			В
Xylenes, Total	2.7	0.10	3.000	0	91.5	80	120			В
Surr: 4-Bromofluorobenzene	1.1		1.000		110	70	130			

Sample ID: mb-61315	SampT	уре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	n ID: 61 :	315	F	RunNo: 7	9869				
Prep Date: 7/14/2021	Analysis D	ate: 7/	16/2021	8	SeqNo: 2	809765	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	1.1		1.000		111	70	130			

Sample ID: mb-61317	SampT	уре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	n ID: 61 :	317	R	tunNo: 7	9857				
Prep Date: 7/14/2021	Analysis D	oate: 7/	16/2021	S	SeqNo: 2	809931	Units: mg/K	ίg		
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	1.0		1.000		99.8	70	130			

Sample ID: LCS-61317	SampT	ype: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batcl	n ID: 61 3	317	F	RunNo: 7 9	9857				
Prep Date: 7/14/2021	Analysis D	Date: 7/	16/2021	S	SeqNo: 2	809932	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	92.9	80	120			
Toluene	0.96	0.050	1.000	0	95.8	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.5	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	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

- 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 22 of 23

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107642**

26-Jul-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: 2107642-008ams	SampT	уре: МS	3	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: TP6-16	Batcl	n ID: 61 :	317	F	RunNo: 7	9857				
Prep Date: 7/14/2021	Analysis D	Date: 7/	16/2021	S	SeqNo: 2	809935	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	0.9911	0	94.0	80	120			
Toluene	0.97	0.050	0.9911	0	97.4	80	120			
Ethylbenzene	0.98	0.050	0.9911	0	98.4	80	120			
Xylenes, Total	2.9	0.099	2.973	0	98.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		0.9911		106	70	130			

Sample ID: 2107642-008amsd	SampT	уре: М	SD	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: TP6-16	Batcl	n ID: 61 :	317	F	RunNo: 7 9	9857				
Prep Date: 7/14/2021	Analysis D	ate: 7/	16/2021	S	SeqNo: 28	309936	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.024	0.9737	0	92.2	80	120	3.70	20	
Toluene	0.94	0.049	0.9737	0	96.5	80	120	2.70	20	
Ethylbenzene	0.95	0.049	0.9737	0	97.9	80	120	2.29	20	
Xylenes, Total	2.9	0.097	2.921	0	98.8	80	120	1.83	20	
Surr: 4-Bromofluorobenzene	1.0		0.9737		104	70	130	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- 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 23



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque. NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Sample Log-In Check List

# of preserved bottles checked for pH: (Note discrepancies on chain of custody) (2 or >12 unless note for pH: (2 or >12 unless note for pH: (3 ls it clear what analyses were requested? (4 Were all holding times able to be met? (16 no, notify customer for authorization.) # of preserved bottles checked for pH: (2 or >12 unless note for pH: (2 or >12 unless note for pH: (4 of preserved bottles checked for pH: (5 or >12 unless note for pH: (6 or >12 unless note for pH: (7 or >12 unless note for pH: (8 or >12 unless note for pH: (9 or >12 unless note for pH: (10 or >12 unless note for pH: (11 or >12 unless note for pH: (12 or >12 unless note for pH: (13 ls it clear what analyses were requested? (14 or >12 unless note for pH: (15 or >12 unless note for pH: (16 or >12 unless note for pH: (17 or >12 unless note for pH: (18 or >12 unless note for pH: (2 or >12 unless note for pH: (2 or >12 unless note for pH: (2 or >12 unless note for pH: (2 or >12 unless note for pH: (2 or >12 unless note for pH: (2 or >12 unless note for pH: (2 or >12 unless note for pH: (3 ls it clear what analyses were requested? (4 or >12 unless note for pH: (5 or >12 unless note for pH: (5 or >12 unless note for pH: (6 or >12 unless note for pH: (7 or >12 unless note for pH: (8 or >12 unless note for pH: (9 or >12 unless note for pH: (17 or >12 unless note for pH: (18 or >12 unless note for pH: (19 or >12 unless note for pH: (19 or >12 unless note for pH: (2 or >12 unless note for pH: (2 or >12 unless note for pH: (2 or >12 unless note for pH: (2 or >12 unless note for pH: (2 or >12 unless note for pH: (4 or >12 unless note for pH: (4 or >12 unless note for pH: (5 or >12 unless note for pH: (6 or >12 unless note for pH: (7 or >12 unless note for pH: (8 or >12 unless note for pH: (9 or >12 unless note for pH: (9 or >12 unless note for pH: (10 or >12 unless note for pH: (10 or >12 unless note for pH: (10 or >12 unless note for pH: (10 or >12 unless note for pH: (10 or >12 unless note for p			ber: 210				RcptNo: 1
Chain of Custody 1. Is Chain of Custody 2. How was the sample delivered? 3. Was an attempt made to cool the samples? 4. Were all samples received at a temperature of >0° C to 6.0°C 4. Were all samples received at a temperature of >0° C to 6.0°C 5. Sample(s) in proper container(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be mert? (If no, notify customer for authorization.) 5. Decial Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Via: eMail Phone Fax In Person	Received By: Cheyenne Cason	7/14/2021 7:30:00	АМ		Chen	1	
Chain of Custody 1. Is Chain of Custody 2. How was the sample delivered? 3. Was an attempt made to cool the samples? 4. Were all samples received at a temperature of >0° C to 6 0° C 4. Were all samples received at a temperature of >0° C to 6 0° C 5. Sample(s) in proper container(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) 15. Decial Handling (if applicable) 15. Was client notified of all discrepancies with this order? 15. Was client notified: 16. Date: Person Notified:	Completed By: Sean Livingston	7/14/2021 9:01:23	АМ		<	1	<i>'</i>
Chain of Custody 1. Is Chain of Custody complete? 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? 4. Were all samples received at a temperature of >0° C to 6.0°C 5. Sample(s) in proper container(s)? 6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of Custody? 3. Is it clear what analyses were requested? 4. Were all holding times able to be met? (If no, notify customer for authorization.) Person Notified: By Whom: Person Notified: By Whom: No Not Present No Not Not No Not Preson Not Present No Present No Not Present No Pr	Reviewed By: JR 7/14/2	/			<i>J.</i>		1800
2. How was the sample delivered? Log In 3. Was an attempt made to cool the samples? Yes V No No NA 4. Were all samples received at a temperature of >0° C to 6.0°C Yes V No No NA 5. Sample(s) in proper container(s)? 6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of Custody? 3. Is it clear what analyses were requested? 4. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Via: eMail Phone Fax In Person Regarding:		*					
2. How was the sample delivered? Log In 3. Was an attempt made to cool the samples?	1. Is Chain of Custody complete?		Yes	V	No		Not Present
3. Was an attempt made to cool the samples? Yes V No No NA 4. Were all samples received at a temperature of >0° C to 6.0°C Yes V No No NA 5. Sample(s) in proper container(s)? Yes V No No NA 6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No No NA 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of Custody? 3. Is it clear what analyses were requested? 4. Were all holding times able to be met? (If no, notify customer for authorization.) **Deccial Handling (if applicable)** Person Notified: Date: By Whom: Via: @Mail Phone Fax In Person Regarding:	2. How was the sample delivered?						
3. Was an attempt made to cool the samples? Yes V No No NA 4. Were all samples received at a temperature of >0° C to 6.0°C Yes V No No NA 5. Sample(s) in proper container(s)? Yes V No No NA 6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No No NA 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of Custody? 3. Is it clear what analyses were requested? 4. Were all holding times able to be met? (If no, notify customer for authorization.) **Deccial Handling (if applicable)** Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding:	Log In						
5. Sample(s) in proper container(s)? Yes No 6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Via: eMail Phone Fax In Person	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	es?	Yes	V	No		NA 🗆
6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of Custody? 3. Is it clear what analyses were requested? 4. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Via:eMailPhoneFaxIn Person Regarding:	4. Were all samples received at a temperat	ure of >0° C to 6.0°C	Yes	V	No		NA 🗆
7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of Custody? 3. Is it clear what analyses were requested? 4. Were all holding times able to be met? (If no, notify customer for authorization.) Opecial Handling (if applicable)	5. Sample(s) in proper container(s)?		Yes	~	No		
8. Was preservative added to bottles? Yes No No NA PA 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No No NA PA 10. Were any sample containers received broken? Yes No Pareserved bottles checked for pH: (Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of Custody? 3. Is it clear what analyses were requested? 4. Were all holding times able to be met? (If no, notify customer for authorization.) **Decial Handling (if applicable)* 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: No Phone Fax In Person Regarding:	6. Sufficient sample volume for indicated te	st(s)?	Yes	V	No		
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No No No Was 10. Were any sample containers received broken? Yes No Was 10. Were any sample containers received broken? Yes No Was 11. Does paperwork match bottle labels? Yes No No No No No No No No No No No No No	7. Are samples (except VOA and ONG) pro	perly preserved?	Yes	~	No		
1. Does paperwork match bottle labels?	8. Was preservative added to bottles?		Yes		No	V	NA 🗀
10. Were any sample containers received broken? Yes No # of preserved bottles checked for pH: (Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of Custody? Yes No Adjusted? 4. Were all holding times able to be met? Yes No Checked by: TMC . 7-IU Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No No No No No No No No No No No No No	9. Received at least 1 vial with headspace <	1/4" for AQ VOA?	Yes		No		NA 🗸
1. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of Custody? 3. Is it clear what analyses were requested? 4. Were all holding times able to be met? (If no, notify customer for authorization.) **Peecial Handling (if applicable)* 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Date: Via:eMailPhoneFaxIn Person Regarding:	0. Were any sample containers received bro	oken?	Yes		No	~	
2. Are matrices correctly identified on Chain of Custody? 3. Is it clear what analyses were requested? 4. Were all holding times able to be met? (If no, notify customer for authorization.) **Pecial Handling (if applicable)* 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Adjusted? No Checked by: TMC. 7-14 Adjusted? No Checked by: TMC. 7-14 Che			Yes	V	No		bottles checked for pH:
4. Were all holding times able to be met? (If no, notify customer for authorization.) **Pecial Handling (if applicable)* 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Yes No Checked by: TMC. 7-14 Yes No Date: Person Notified: Date: Via:eMailPhoneFaxIn Person	2. Are matrices correctly identified on Chain	of Custody?	Yes	V	No		
(If no, notify customer for authorization.) Decial Handling (if applicable) 5. Was client notified of all discrepancies with this order?	3. Is it clear what analyses were requested?		Yes	V	No		
Person Notified: By Whom: Regarding: Date: Via:eMailPhoneFaxIn Person Regarding:			Yes	V	No		Checked by: TMC. 7-14-21
Person Notified: By Whom: Via: eMail Phone Fax In Person Regarding:							
By Whom: Via: eMail Phone Fax In Person Regarding:	15. Was client notified of all discrepancies wi	th this order?	Yes		No		NA 🗸
By Whom: Via:	Person Notified:	Date:			_	_	
Client Instructions:			^	ii 🔲 F	Phone [Fax	☐ In Person
	Client Instructions:				_	_	
6. Additional remarks:	6. Additional remarks:						

Signed By

0.9

Good Good

당	ain-of	F-Cu	Chain-of-Custody Record	Turn-Around Time:		S Man								1		
Client: G	GHD			Standard		, n				Z Z		S L	N N	0 4	HALL ENVIRONMENTAL ANALYSTS LABORATORY	
				Project Name:						WWW	alled /	nviro (www.hallenvironmental.com			
Mailing Address:	idress:			Hornbak	ker BA	Battery		4901	Hay	4901 Hawkins NE	1	Albug	neran	e S	Albuqueraue, NM 87109	
324 W. Ma	ain St. Sui	ite 108	324 W. Main St. Suite 108, Artesia NM 88210	Project #:				<u>e</u>	505	Tel. 505-345-3975	1.2	Fax	Fax 505-345-4107	345	4107	
Phone #:	(50	(505)377-4218	-4218	1125	8980				M		An	Analysis	s Req	Request		
email or Fax#:		cky.H	Becky. Haskell@ghd.com	Project Manager:	ager:		(1	(0	-			70		(tn	(
QA/QC Package:	skage:			Becky Haskell	₩.		305		SO	SV	_	S '\$		esc	200	
□ Standard	P		☐ Level 4 (Full Validation)	Tom Larson			3) s,		174	VISO	<u> </u>	04		łΑ∖tr	ε 1	
Accreditation:		Az Col	☐ Az Compliance	Sampler:	Zarch 2Consino	Hes	TME				OIV	' ^z ON	()	reser	20 YJ	
□ EDD (Type)	(pd)			# of Coolers:	2 1 6	10.9 Jan 20	/∃8		- 11		_	03,	10N	<u>၂</u>) ա	W	
				Cooler Temp(including cF): 2	(including CF): 2	3-0.2 22.1	тM							notile	296	
Date Ti	Time Ma	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	NETEX /	08:H9T	8081 Pe	id sHA9	8 AROR	CI, F, B 8260 (V	S) 07S8	Total Co	1:10147	
1/13/21/2	800 3	2	21-21+	402. Jan 1	N/A	8	×	K				_			×	
5	210		TP2-16	1		700	X	又							¥	
1	250		762-20			303	>	X) III j		<u>ب</u>	11
6	910		TP1-20			hoo	X	X							×	
4	445		789-8			500	X	×							2	
2/	1000		TP9-10			900	X	メ			-				×	-
21	1050		TP6-12			₹30	X	×							V.	
2)	choi		TP6-16			300	×	X							7	
10	1050		TP6-20			200	To /	*							2	
	1125		TPS-12			000	2	X							Q	
- 11	1130		TP5-16			10	X	*	_							
V)	0	X	02-SAL	Ŋ	×	710	X	, y	-						r	
Date: Time: 7/13/51 [7] 30		Relinquished by:	ed by: 3	Regeived by:	Via:	7 Date Time	& F	emar om.La	ks: P	ease (@ghd.	email: com;	Chas Zach.	Comi	ttle@ no@	Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com: Along with	
Date: / Time:		Relinquished by:	d by:	Received by:	Via:	Date Time				Dire	ct Bill	to EC	becky haskell listed above. Direct Bill to EOG Chase Settle	d ab	ove. Settle	
0961 12/61/	900 (2)	5	7	Cer	(www)	7/14/2 0230										
If nec	cessary, samp	oles subr	If necessary, samples submitted to Hall Engineering 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.	ontracted to other a	accredited laboratori	es. This serves as notice of this	dissod	ity. Any	sup-co	ontracted	data wil	l be clea	ırly nota	ted on	he analytical report.	

	Shain	1-of-CI	Chain-of-Custody Record	Turn-Around Time:					1							
Client:	GHD			- Standard	N COW				I ≪	AL	N N	5	2 ×	NAME	HALL ENVIRONMENTAL	, >
				Project Name:					1	4 444			5		2	-
Mailing	Mailing Address:	.;		Hornbak	Ker BA	BA Battery	_	1901 F	Jawkir	ins NE - Albuquerque NM	- Albi	diller	olle olle	www.nailenvinolinterinal.com 4901 Hawkins NE - Albuquergue NM 87109		
324 W	. Main St	t. Suite 10	324 W. Main St. Suite 108, Artesia NM 88210	Project #:				Tel. 5	05-34	Tel. 505-345-3975	ш	ax 50	5-34	Fax 505-345-4107		
Phone #:	#	(505)377-4218	7-4218	211	08622211						Inal	sis Re	sanbe	it.		П
email	email or Fax#:	Becky.H	Becky. Haskell@ghd.com	Project Manager:	ager:		_	10		H	¢C	-	(fr			H
QA/QC	QA/QC Package:			Becky Haskell	=					SN	S '*		nese	_	_	
□ Standard	ndard		☐ Level 4 (Full Validation)	Tom Larson			1000			IISO	ЬО		Atr			
Accred	Accreditation:	□ Az Cor	Az Compliance	Sampler:	Zach Comino				(r.4	728 -	NO ⁵			Poyt		
FDD (T	FDD (Tyne)			Un ice.	7 Yes	1			09	_	_	V 0/		Ne		_
	(ad(:))			Cooler Tempinghaling CEV	(including CE)	2 22.01			роц			_				
					j	0.0000	000		JəM		_			-		
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX 8·HGT	8:H9T 1 1808	EDB (PAHs RCRA	Cl' E') 0228) 0728 Total C	0147		
1/13/2	3/13/4 1315	S	TP11-8	402. Jar 1	N/A	013	لا بر	-			-			1		
1	1325		TP11-12	_	J	HIO	(/							_		
	1335		TP11-15			015										
	1345		TP 11-18			000										
	1350		TP11- 20			40							_			
	1410		TP13.7			S,O										-
	1430		TP13- 14			019										
	1445		TP13-20			020										-
	1520		TP15-14)70										
	1530		TP15-16			279						-				\vdash
> >	1540	7	TP15-20	7	ナ	023	<i>></i>	9		-				R		
							7									
Date:	Time:	Relinquished by:	d by:	Received by:	Via:		Rer	narks	. Plea	se em	ail: Ch	ase_S	ettle(@eogreso	Remarks: Please email: Chase_Settle@eogresources.com;	
12	1 35	Polinguished hu			3	12/51	<u> </u>	.Lars	on@g	nd.cor Beck	id.com; Zach.Comino@ghd Becky Haskell listed above.	h.Cor ell lis	nino(g ed at	gghd.com	l om.Larson@ghd.com; Zach.Comino@ghd.com: Along with Becky Haskell listed above.	£
1(3)	(2) N 1960	Compulsing A	(Received by:	Via: 6	7/14 / 4. 12.20			-	lirect E	ill to E	903	hase	Direct Bill to EOG Chase Settle		
		>				112/12/20										

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109



July 28, 2021

Tom Larson GHD Midland 2135 S Loop 250 W Midland, TX 79703

TEL: (432) 686-0086

FAX

RE: Hornbaker BA Battery OrderNo.: 2107732

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 20 sample(s) on 7/15/2021 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 Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2107732

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP17-8

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 7:50:00 AM

 Lab ID:
 2107732-001
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	2500	150	mg/Kg	50	7/22/2021 7:38:06 AM	61426
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	7/17/2021 1:01:49 PM	61367
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/17/2021 1:01:49 PM	61367
Surr: DNOP	82.7	70-130	%Rec	1	7/17/2021 1:01:49 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/17/2021 9:10:01 AM	61346
Surr: BFB	94.3	70-130	%Rec	1	7/17/2021 9:10:01 AM	61346
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	7/17/2021 9:10:01 AM	61346
Toluene	ND	0.049	mg/Kg	1	7/17/2021 9:10:01 AM	61346
Ethylbenzene	ND	0.049	mg/Kg	1	7/17/2021 9:10:01 AM	61346
Xylenes, Total	ND	0.099	mg/Kg	1	7/17/2021 9:10:01 AM	61346
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	7/17/2021 9:10:01 AM	61346

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 1 of 27

Lab Order **2107732**

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP17-14

Project: Hornbaker BA Battery **Collection Date:** 7/14/2021 8:00:00 AM

Lab ID: 2107732-002 **Matrix:** SOIL **Received Date:** 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	5100	150	mg/Kg	50	7/22/2021 7:50:30 AM	61426
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	7/17/2021 1:25:49 PM	61367
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/17/2021 1:25:49 PM	61367
Surr: DNOP	85.3	70-130	%Rec	1	7/17/2021 1:25:49 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	7/17/2021 9:33:35 AM	61346
Surr: BFB	94.8	70-130	%Rec	1	7/17/2021 9:33:35 AM	61346
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	7/17/2021 9:33:35 AM	61346
Toluene	ND	0.046	mg/Kg	1	7/17/2021 9:33:35 AM	61346
Ethylbenzene	ND	0.046	mg/Kg	1	7/17/2021 9:33:35 AM	61346
Xylenes, Total	ND	0.093	mg/Kg	1	7/17/2021 9:33:35 AM	61346
Surr: 4-Bromofluorobenzene	99.9	70-130	%Rec	1	7/17/2021 9:33:35 AM	61346

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

- 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

Lab Order **2107732**

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP17-20

Project: Hornbaker BA Battery **Collection Date:** 7/14/2021 8:15:00 AM

Lab ID: 2107732-003 **Matrix:** SOIL **Received Date:** 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	9200	600	mg/Kg	200	0 7/22/2021 8:02:55 AM	61426
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	7/17/2021 1:49:48 PM	61367
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/17/2021 1:49:48 PM	61367
Surr: DNOP	80.6	70-130	%Rec	1	7/17/2021 1:49:48 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/17/2021 10:44:12 AN	1 61346
Surr: BFB	95.6	70-130	%Rec	1	7/17/2021 10:44:12 AN	1 61346
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	7/17/2021 10:44:12 AN	1 61346
Toluene	ND	0.047	mg/Kg	1	7/17/2021 10:44:12 AN	1 61346
Ethylbenzene	ND	0.047	mg/Kg	1	7/17/2021 10:44:12 AN	1 61346
Xylenes, Total	ND	0.095	mg/Kg	1	7/17/2021 10:44:12 AN	1 61346
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	7/17/2021 10:44:12 AN	1 61346

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

- 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 3 of 27

Lab Order 2107732

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP19-10

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 9:00:00 AM

 Lab ID:
 2107732-004
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 210 59 mg/Kg 20 7/20/2021 6:39:34 PM 61426 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) ND 9.9 mg/Kg 7/17/2021 2:13:45 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 7/17/2021 2:13:45 PM 61367 Surr: DNOP 79.4 %Rec 70-130 7/17/2021 2:13:45 PM 61367 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB ND 7/17/2021 11:07:48 AM 61346 Gasoline Range Organics (GRO) 4.6 mg/Kg Surr: BFB 94.8 %Rec 7/17/2021 11:07:48 AM 61346 70-130 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 7/17/2021 11:07:48 AM 61346 Benzene 0.023 mg/Kg Toluene ND 0.046 mg/Kg 7/17/2021 11:07:48 AM 61346 Ethylbenzene ND 0.046 mg/Kg 1 7/17/2021 11:07:48 AM 61346 Xylenes, Total ND 0.093 mg/Kg 7/17/2021 11:07:48 AM 61346 Surr: 4-Bromofluorobenzene 70-130 7/17/2021 11:07:48 AM 61346 99.6 %Rec

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 4 of 27

Lab Order 2107732

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP19-14

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 9:10:00 AM

 Lab ID:
 2107732-005
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	180	61	mg/Kg	20	7/20/2021 6:51:59 PM	61426
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	7/17/2021 2:37:42 PM	61367
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/17/2021 2:37:42 PM	61367
Surr: DNOP	79.7	70-130	%Rec	1	7/17/2021 2:37:42 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/17/2021 11:31:25 AM	61346
Surr: BFB	93.6	70-130	%Rec	1	7/17/2021 11:31:25 AM	61346
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	7/17/2021 11:31:25 AM	61346
Toluene	ND	0.048	mg/Kg	1	7/17/2021 11:31:25 AM	61346
Ethylbenzene	ND	0.048	mg/Kg	1	7/17/2021 11:31:25 AM	61346
Xylenes, Total	ND	0.096	mg/Kg	1	7/17/2021 11:31:25 AM	61346
Surr: 4-Bromofluorobenzene	98.7	70-130	%Rec	1	7/17/2021 11:31:25 AM	61346

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 5 of 27

Lab Order **2107732**

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP23-12

Project: Hornbaker BA Battery **Collection Date:** 7/14/2021 9:35:00 AM

Lab ID: 2107732-006 **Matrix:** SOIL **Received Date:** 7/15/2021 7:35:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	260	60	mg/Kg	20	7/20/2021 7:04:24 PM	61426
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	7/17/2021 3:01:44 PM	61367
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/17/2021 3:01:44 PM	61367
Surr: DNOP	77.8	70-130	%Rec	1	7/17/2021 3:01:44 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/17/2021 11:54:55 AM	61346
Surr: BFB	95.8	70-130	%Rec	1	7/17/2021 11:54:55 AM	61346
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	7/17/2021 11:54:55 AM	61346
Toluene	ND	0.049	mg/Kg	1	7/17/2021 11:54:55 AM	61346
Ethylbenzene	ND	0.049	mg/Kg	1	7/17/2021 11:54:55 AM	61346
Xylenes, Total	ND	0.098	mg/Kg	1	7/17/2021 11:54:55 AM	61346
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	7/17/2021 11:54:55 AM	61346

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 6 of 27

Lab Order **2107732**

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP23-14

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 9:45:00 AM

 Lab ID:
 2107732-007
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	7/20/2021 7:16:48 PM	61426
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	7/17/2021 3:25:47 PM	61367
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/17/2021 3:25:47 PM	61367
Surr: DNOP	76.9	70-130	%Rec	1	7/17/2021 3:25:47 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/17/2021 12:18:29 PM	61346
Surr: BFB	93.2	70-130	%Rec	1	7/17/2021 12:18:29 PM	61346
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	7/17/2021 12:18:29 PM	61346
Toluene	ND	0.050	mg/Kg	1	7/17/2021 12:18:29 PM	61346
Ethylbenzene	ND	0.050	mg/Kg	1	7/17/2021 12:18:29 PM	61346
Xylenes, Total	ND	0.099	mg/Kg	1	7/17/2021 12:18:29 PM	61346
Surr: 4-Bromofluorobenzene	98.4	70-130	%Rec	1	7/17/2021 12:18:29 PM	61346

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 7 of 27

Lab Order **2107732**

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP26-8

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 10:10:00 AM

 Lab ID:
 2107732-008
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	2100	60	mg/Kg	20	7/20/2021 7:29:13 PM	61426
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/17/2021 3:49:48 PM	61367
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/17/2021 3:49:48 PM	61367
Surr: DNOP	75.7	70-130	%Rec	1	7/17/2021 3:49:48 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/17/2021 12:42:08 PM	61346
Surr: BFB	94.5	70-130	%Rec	1	7/17/2021 12:42:08 PM	61346
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	7/17/2021 12:42:08 PM	61346
Toluene	ND	0.048	mg/Kg	1	7/17/2021 12:42:08 PM	61346
Ethylbenzene	ND	0.048	mg/Kg	1	7/17/2021 12:42:08 PM	61346
Xylenes, Total	ND	0.096	mg/Kg	1	7/17/2021 12:42:08 PM	61346
Surr: 4-Bromofluorobenzene	99.2	70-130	%Rec	1	7/17/2021 12:42:08 PM	61346

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 8 of 27

Lab Order **2107732**

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP26-16

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 10:30:00 AM

 Lab ID:
 2107732-009
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	1900	60	mg/Kg	20	7/20/2021 11:24:56 PM	61435
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/17/2021 4:13:47 PM	61367
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/17/2021 4:13:47 PM	61367
Surr: DNOP	72.5	70-130	%Rec	1	7/17/2021 4:13:47 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/17/2021 1:05:47 PM	61346
Surr: BFB	95.4	70-130	%Rec	1	7/17/2021 1:05:47 PM	61346
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	7/17/2021 1:05:47 PM	61346
Toluene	ND	0.047	mg/Kg	1	7/17/2021 1:05:47 PM	61346
Ethylbenzene	ND	0.047	mg/Kg	1	7/17/2021 1:05:47 PM	61346
Xylenes, Total	ND	0.095	mg/Kg	1	7/17/2021 1:05:47 PM	61346
Surr: 4-Bromofluorobenzene	99.8	70-130	%Rec	1	7/17/2021 1:05:47 PM	61346

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 9 of 27

Lab Order **2107732**

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP26-20

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 10:40:00 AM

 Lab ID:
 2107732-010
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	1300	60	mg/Kg	20	7/20/2021 11:37:20 PM	61435
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/17/2021 4:37:46 PM	61367
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/17/2021 4:37:46 PM	61367
Surr: DNOP	72.7	70-130	%Rec	1	7/17/2021 4:37:46 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/17/2021 1:29:29 PM	61346
Surr: BFB	95.3	70-130	%Rec	1	7/17/2021 1:29:29 PM	61346
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	7/17/2021 1:29:29 PM	61346
Toluene	ND	0.048	mg/Kg	1	7/17/2021 1:29:29 PM	61346
Ethylbenzene	ND	0.048	mg/Kg	1	7/17/2021 1:29:29 PM	61346
Xylenes, Total	ND	0.096	mg/Kg	1	7/17/2021 1:29:29 PM	61346
Surr: 4-Bromofluorobenzene	99.1	70-130	%Rec	1	7/17/2021 1:29:29 PM	61346

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 10 of 27

Lab Order 2107732

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP27-4

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 11:15:00 AM

 Lab ID:
 2107732-011
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	1100	60	mg/Kg	20	7/20/2021 11:49:45 PM	61435
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	7/17/2021 5:01:49 PM	61367
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/17/2021 5:01:49 PM	61367
Surr: DNOP	76.6	70-130	%Rec	1	7/17/2021 5:01:49 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/17/2021 1:53:15 PM	61346
Surr: BFB	96.8	70-130	%Rec	1	7/17/2021 1:53:15 PM	61346
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	7/17/2021 1:53:15 PM	61346
Toluene	ND	0.049	mg/Kg	1	7/17/2021 1:53:15 PM	61346
Ethylbenzene	ND	0.049	mg/Kg	1	7/17/2021 1:53:15 PM	61346
Xylenes, Total	ND	0.098	mg/Kg	1	7/17/2021 1:53:15 PM	61346
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	7/17/2021 1:53:15 PM	61346

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 11 of 27

Lab Order **2107732**

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP27-11

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 11:30:00 AM

 Lab ID:
 2107732-012
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual U	nits	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	700	60	m	ng/Kg	20	7/21/2021 12:02:10 AM	61435
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	SB
Diesel Range Organics (DRO)	ND	9.3	m	ng/Kg	1	7/17/2021 5:25:49 PM	61367
Motor Oil Range Organics (MRO)	ND	46	m	ng/Kg	1	7/17/2021 5:25:49 PM	61367
Surr: DNOP	74.4	70-130	%	Rec	1	7/17/2021 5:25:49 PM	61367
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	m	ng/Kg	1	7/17/2021 2:16:54 PM	61346
Surr: BFB	95.8	70-130	%	Rec	1	7/17/2021 2:16:54 PM	61346
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.024	m	ng/Kg	1	7/17/2021 2:16:54 PM	61346
Toluene	ND	0.047	m	ng/Kg	1	7/17/2021 2:16:54 PM	61346
Ethylbenzene	ND	0.047	m	ng/Kg	1	7/17/2021 2:16:54 PM	61346
Xylenes, Total	ND	0.094	m	ng/Kg	1	7/17/2021 2:16:54 PM	61346
Surr: 4-Bromofluorobenzene	100	70-130	%	Rec	1	7/17/2021 2:16:54 PM	61346

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 12 of 27

Lab Order **2107732**

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP27-16

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 11:50:00 AM

 Lab ID:
 2107732-013
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	200	59	mg/Kg	20	7/21/2021 12:14:35 AM	61435
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	7/17/2021 5:49:47 PM	61367
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/17/2021 5:49:47 PM	61367
Surr: DNOP	73.8	70-130	%Rec	1	7/17/2021 5:49:47 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	7/16/2021 4:27:00 PM	61351
Surr: BFB	110	70-130	%Rec	1	7/16/2021 4:27:00 PM	61351
EPA METHOD 8021B: VOLATILES					Analyst	: CCM
Benzene	ND	0.023	mg/Kg	1	7/16/2021 4:27:00 PM	61351
Toluene	ND	0.046	mg/Kg	1	7/16/2021 4:27:00 PM	61351
Ethylbenzene	ND	0.046	mg/Kg	1	7/16/2021 4:27:00 PM	61351
Xylenes, Total	ND	0.092	mg/Kg	1	7/16/2021 4:27:00 PM	61351
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	7/16/2021 4:27:00 PM	61351

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 13 of 27

Lab Order 2107732

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP22-4

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 1:15:00 PM

 Lab ID:
 2107732-014
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	1000	60		mg/Kg	20	7/21/2021 12:26:59 AM	61435
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: SB
Diesel Range Organics (DRO)	1300	98		mg/Kg	10	7/19/2021 11:58:25 PM	61367
Motor Oil Range Organics (MRO)	1400	490		mg/Kg	10	7/19/2021 11:58:25 PM	61367
Surr: DNOP	0	70-130	S	%Rec	10	7/19/2021 11:58:25 PM	61367
EPA METHOD 8015D: GASOLINE RANGE						Analyst	CCM
Gasoline Range Organics (GRO)	ND	23		mg/Kg	5	7/16/2021 4:47:00 PM	61351
Surr: BFB	118	70-130		%Rec	5	7/16/2021 4:47:00 PM	61351
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	ND	0.12		mg/Kg	5	7/16/2021 4:47:00 PM	61351
Toluene	ND	0.23		mg/Kg	5	7/16/2021 4:47:00 PM	61351
Ethylbenzene	ND	0.23		mg/Kg	5	7/16/2021 4:47:00 PM	61351
Xylenes, Total	ND	0.47		mg/Kg	5	7/16/2021 4:47:00 PM	61351
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	5	7/16/2021 4:47:00 PM	61351

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

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

Page 14 of 27

Lab Order 2107732

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP22-7

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 1:20:00 PM

 Lab ID:
 2107732-015
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	2100	60	mg/Kg	20	7/21/2021 1:04:13 AM	61435
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	230	19	mg/Kg	2	7/20/2021 12:22:09 AM	61367
Motor Oil Range Organics (MRO)	310	97	mg/Kg	2	7/20/2021 12:22:09 AM	61367
Surr: DNOP	105	70-130	%Rec	2	7/20/2021 12:22:09 AM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/16/2021 5:07:00 PM	61351
Surr: BFB	105	70-130	%Rec	1	7/16/2021 5:07:00 PM	61351
EPA METHOD 8021B: VOLATILES					Analyst	: CCM
Benzene	ND	0.023	mg/Kg	1	7/16/2021 5:07:00 PM	61351
Toluene	ND	0.047	mg/Kg	1	7/16/2021 5:07:00 PM	61351
Ethylbenzene	ND	0.047	mg/Kg	1	7/16/2021 5:07:00 PM	61351
Xylenes, Total	ND	0.093	mg/Kg	1	7/16/2021 5:07:00 PM	61351
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	7/16/2021 5:07:00 PM	61351

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 15 of 27

Lab Order **2107732**

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP22-14

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 1:30:00 PM

 Lab ID:
 2107732-016
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	1500	59	mg/Kg	20	7/21/2021 1:16:38 AM	61435
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	7/17/2021 7:01:39 PM	61367
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	7/17/2021 7:01:39 PM	61367
Surr: DNOP	87.8	70-130	%Rec	1	7/17/2021 7:01:39 PM	61367
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	7/16/2021 5:27:00 PM	61351
Surr: BFB	110	70-130	%Rec	1	7/16/2021 5:27:00 PM	61351
EPA METHOD 8021B: VOLATILES					Analyst	: CCM
Benzene	ND	0.023	mg/Kg	1	7/16/2021 5:27:00 PM	61351
Toluene	ND	0.046	mg/Kg	1	7/16/2021 5:27:00 PM	61351
Ethylbenzene	ND	0.046	mg/Kg	1	7/16/2021 5:27:00 PM	61351
Xylenes, Total	ND	0.093	mg/Kg	1	7/16/2021 5:27:00 PM	61351
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	7/16/2021 5:27:00 PM	61351

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 16 of 27

Lab Order 2107732

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP22-20

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 1:45:00 PM

 Lab ID:
 2107732-017
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 2200 150 mg/Kg 50 7/22/2021 8:15:19 AM 61435 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 190 48 mg/Kg 7/20/2021 3:30:56 PM 61367 Motor Oil Range Organics (MRO) 350 5 240 mg/Kg 7/20/2021 3:30:56 PM 61367 Surr: DNOP %Rec 144 70-130 S 7/20/2021 3:30:56 PM 61367 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM ND 7/16/2021 5:47:00 PM Gasoline Range Organics (GRO) 61351 4.8 mg/Kg Surr: BFB 113 %Rec 7/16/2021 5:47:00 PM 61351 70-130 Analyst: CCM **EPA METHOD 8021B: VOLATILES** ND 7/16/2021 5:47:00 PM 61351 Benzene 0.024 mg/Kg Toluene ND 0.048 mg/Kg 7/16/2021 5:47:00 PM 61351 Ethylbenzene ND 0.048 mg/Kg 1 7/16/2021 5:47:00 PM 61351 Xylenes, Total ND 0.096 mg/Kg 7/16/2021 5:47:00 PM 61351 Surr: 4-Bromofluorobenzene 70-130 61351 107 %Rec 7/16/2021 5:47:00 PM

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 17 of 27

Lab Order 2107732

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP28-8

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 2:25:00 PM

 Lab ID:
 2107732-018
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	2400	150	mg/Kg	50	7/22/2021 8:27:44 AM	61435
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	7/19/2021 8:39:50 PM	61383
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/19/2021 8:39:50 PM	61383
Surr: DNOP	115	70-130	%Rec	1	7/19/2021 8:39:50 PM	61383
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2021 12:31:25 PM	61362
Surr: BFB	95.9	70-130	%Rec	1	7/19/2021 12:31:25 PM	61362
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	7/19/2021 12:31:25 PM	61362
Toluene	ND	0.049	mg/Kg	1	7/19/2021 12:31:25 PM	61362
Ethylbenzene	ND	0.049	mg/Kg	1	7/19/2021 12:31:25 PM	61362
Xylenes, Total	ND	0.099	mg/Kg	1	7/19/2021 12:31:25 PM	61362
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	7/19/2021 12:31:25 PM	61362

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 18 of 27

2107732-019

Surr: 4-Bromofluorobenzene

Lab ID:

Analytical Report

Lab Order 2107732

Received Date: 7/15/2021 7:35:00 AM

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP28-12

Project: Hornbaker BA Battery Collection Date: 7/14/2021 2:30:00 PM

Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 2100 150 mg/Kg 50 7/22/2021 8:40:08 AM 61435 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) ND 9.5 mg/Kg 7/19/2021 9:17:49 PM 61383 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 7/19/2021 9:17:49 PM 61383 Surr: DNOP 107 %Rec 70-130 7/19/2021 9:17:49 PM 61383 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB 7/19/2021 1:42:30 PM Gasoline Range Organics (GRO) ND 61362 4.9 mg/Kg Surr: BFB 96.2 %Rec 7/19/2021 1:42:30 PM 61362 70-130 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 7/19/2021 1:42:30 PM 61362 Benzene 0.024 mg/Kg Toluene ND 0.049 mg/Kg 7/19/2021 1:42:30 PM 61362 Ethylbenzene ND 0.049 mg/Kg 1 7/19/2021 1:42:30 PM 61362 Xylenes, Total ND 0.098 mg/Kg 7/19/2021 1:42:30 PM 61362

99.7

70-130

%Rec

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

- 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 19 of 27

61362

7/19/2021 1:42:30 PM

Lab Order **2107732**

Date Reported: 7/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP28-20

 Project:
 Hornbaker BA Battery
 Collection Date: 7/14/2021 2:45:00 PM

 Lab ID:
 2107732-020
 Matrix: SOIL
 Received Date: 7/15/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	570	60	mg/Kg	20	7/21/2021 2:06:15 AM	61435
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	7/19/2021 9:30:40 PM	61383
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	7/19/2021 9:30:40 PM	61383
Surr: DNOP	109	70-130	%Rec	1	7/19/2021 9:30:40 PM	61383
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2021 2:53:38 PM	61362
Surr: BFB	99.5	70-130	%Rec	1	7/19/2021 2:53:38 PM	61362
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	7/19/2021 2:53:38 PM	61362
Toluene	ND	0.049	mg/Kg	1	7/19/2021 2:53:38 PM	61362
Ethylbenzene	ND	0.049	mg/Kg	1	7/19/2021 2:53:38 PM	61362
Xylenes, Total	ND	0.099	mg/Kg	1	7/19/2021 2:53:38 PM	61362
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	7/19/2021 2:53:38 PM	61362

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 20 of 27

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107732**

28-Jul-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: MB-61426 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 61426 RunNo: 79937

Prep Date: 7/20/2021 Analysis Date: 7/20/2021 SeqNo: 2812799 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-61426 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 61426 RunNo: 79937

Prep Date: 7/20/2021 Analysis Date: 7/20/2021 SeqNo: 2812800 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.9 90 110

Sample ID: MB-61435 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **61435** RunNo: **79937**

Prep Date: 7/20/2021 Analysis Date: 7/20/2021 SeqNo: 2812833 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-61435 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 61435 RunNo: 79937

Prep Date: 7/20/2021 Analysis Date: 7/20/2021 SeqNo: 2812834 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 96.0 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 Quantitative 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 21 of 27

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107732**

28-Jul-21

Client: GHD Midland

Project: Hornbaker BA Battery

Project: Hornbak	er BA Battery								
Sample ID: MB-61367	SampType: M	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch ID: 6	1367	F	RunNo: 7 9	9892				
Prep Date: 7/16/2021	Analysis Date: 7	//17/2021	S	SeqNo: 2	810639	Units: mg/k	(g		
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: LCS-61367	SampType: L	cs	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch ID: 6	1367	F	RunNo: 7 9	9892				
Prep Date: 7/16/2021	Analysis Date: 7	//17/2021	Ş	SeqNo: 2	810640	Units: mg/k	(g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44 10	50.00	0	88.4	68.9	141			
Surr: DNOP	4.6	5.000		92.7	70	130			
Sample ID: 2107732-018AMS	SampType: M	S	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: TP28-8	Batch ID: 6	F	RunNo: 7 9	9895					
Prep Date: 7/17/2021	Analysis Date: 7	//19/2021	S	SeqNo: 2	812448	Units: mg/k	(g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	38 9.2	45.87	0	83.5	15	184			
Surr: DNOP	4.3	4.587		94.2	70	130			
Sample ID: 2107732-018AMS	D SampType: M	SD	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: TP28-8	Batch ID: 6	1383	F	RunNo: 7 9	9895				
Prep Date: 7/17/2021	Analysis Date: 7	//19/2021	5	SeqNo: 2	812450	Units: mg/k	(g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45 9.8	48.78	0	92.5	15	184	16.4	23.9	
Surr: DNOP	4.7	4.878		95.8	70	130	0	0	
Sample ID: MB-61383	SampType: M	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch ID: 6	1383	F	RunNo: 7 9	9895				
Prep Date: 7/17/2021	Analysis Date: 7	//19/2021	S	SeqNo: 28	812460	Units: mg/k	(g		
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)							
C DNOD	4.4	40.00		400	70	400			

Qualifiers:

Surr: DNOP

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

11

- 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

106

70

130

- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

10.00

Page 22 of 27

Hall Environmental Analysis Laboratory, Inc.

2107732 28-Jul-21

WO#:

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: LCS-61383 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 61383 RunNo: 79895

Prep Date: 7/17/2021 Analysis Date: 7/19/2021 SeqNo: 2812461 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Diesel Range Organics (DRO)
 40
 10
 50.00
 0
 80.7
 68.9
 141

 Surr: DNOP
 4.9
 5.000
 97.0
 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

- 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

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107732 28-Jul-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: Ics-61351 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 61351 RunNo: 79869

Prep Date: 7/15/2021 Analysis Date: 7/16/2021 SeqNo: 2809647 Units: mq/Kq

SPK value SPK Ref Val **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit %RPD Qual Gasoline Range Organics (GRO) 25 5.0 25.00 Λ 100 78.6 131 Surr: BFB 1200 1000 122 130

Sample ID: mb-61351 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 61351 RunNo: 79869

Prep Date: 7/15/2021 Units: mg/Kg Analysis Date: 7/16/2021 SeqNo: 2809648

%RPD Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Qual Gasoline Range Organics (GRO) ND 5.0

109

70

130

Sample ID: mb-61346 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

1000

Client ID: PBS Batch ID: 61346 RunNo: 79857

1100

Prep Date: 7/15/2021 Analysis Date: 7/17/2021 SeqNo: 2809887 Units: mg/Kg

SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result PQL HighLimit Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 950 1000 94.8 70 130

Sample ID: Ics-61346 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 61346 RunNo: 79857

Prep Date: 7/15/2021 Analysis Date: 7/17/2021 SeqNo: 2809888 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Result PQL LowLimit HighLimit Qual Gasoline Range Organics (GRO) 23 5.0 91.2 25.00 78.6 131

Surr: BFB 1000 1000 103 70 130

Sample ID: mb-61362 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PRS Batch ID: 61362 RunNo: 79883

Prep Date: 7/15/2021 Analysis Date: 7/19/2021 SeqNo: 2810954 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 5.0 ND

Surr: BFB 970 1000 96.5 70 130

Sample ID: Ics-61362 TestCode: EPA Method 8015D: Gasoline Range SampType: LCS

Client ID: LCSS Batch ID: 61362 RunNo: 79883

Prep Date: 7/15/2021 Analysis Date: 7/19/2021 SeqNo: 2810955 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual

Qualifiers:

Surr: BFB

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

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

Page 24 of 27

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107732**

28-Jul-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: Ics-61362 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 61362 RunNo: 79883

Prep Date: 7/15/2021 Analysis Date: 7/19/2021 SeqNo: 2810955 Units: mg/Kg

PQL SPK value SPK Ref Val HighLimit %RPD **RPDLimit** Analyte Result %REC LowLimit Qual 0 Gasoline Range Organics (GRO) 24 5.0 25.00 96.0 78.6 131

Surr: BFB 1100 1000 107 70 130

Sample ID: 2107732-018ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: **TP28-8** Batch ID: **61362** RunNo: **79883**

Prep Date: 7/15/2021 Analysis Date: 7/19/2021 SeqNo: 2810957 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 4.8 24.22 0 89.3 61.3 114

Surr: BFB 1000 969.0 105 70 130

Sample ID: 2107732-018amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: **TP28-8** Batch ID: **61362** RunNo: **79883**

Prep Date: 7/15/2021 Analysis Date: 7/19/2021 SeqNo: 2810958 Units: mg/Kg

Result %REC %RPD **RPDLimit** SPK value SPK Ref Val LowLimit HighLimit Qual Analyte POI Gasoline Range Organics (GRO) 23 4.9 24.56 0 92.0 61.3 114 4.36 20 Surr: BFB 1000 982.3 105 70 130 0 0

Qualifiers:

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

- 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 25 of 27

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107732 28-Jul-21**

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: Ics-61351	SampT	SampType: LCS			tCode: El	tiles							
Client ID: LCSS	Batch	h ID: 61 3	351	F	RunNo: 7								
Prep Date: 7/15/2021	Analysis D	Date: 7/	16/2021	SeqNo: 2809738			SeqNo: 2809738			Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	0.84	0.025	1.000	0	84.3	80	120						
Toluene	0.87	0.050	1.000	0	87.4	80	120						
Ethylbenzene	0.90	0.050	1.000	0	90.3	80	120						
Xylenes, Total	2.7	0.10	3.000	0	90.7	80	120						
Surr: 4-Bromofluorobenzene	1.1		1.000		112	70	130						

Sample ID: mb-61351	SampT	уре: МЕ	BLK	Tes	tCode: El	iles				
Client ID: PBS	Batch	n ID: 61 :	351	RunNo: 79869						
Prep Date: 7/15/2021	Analysis D	ate: 7/	16/2021	8	SeqNo: 2	809739	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	1.1		1.000		110	70	130			

Sample ID: mb-61346	SampT	уре: МЕ	MBLK TestCod		tCode: El	de: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch	n ID: 61 :	346	RunNo: 798 5		RunNo: 79857					
Prep Date: 7/15/2021	Analysis D	oate: 7/	17/2021	S	SeqNo: 2	809955	Units: mg/K	ίg			
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	1.0		1.000		100	70	130				

Sample ID: LCS-61346	SampT	ype: LC	s	TestCode: EPA Method			8021B: Volat	iles			
Client ID: LCSS	Batcl	n ID: 61 :	346	RunNo: 79857							
Prep Date: 7/15/2021	Analysis D	Date: 7/	17/2021	SeqNo: 2809956 l			qNo: 2809956 Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.85	0.025	1.000	0	85.4	80	120				
Toluene	0.88	0.050	1.000	0	88.1	80	120				
Ethylbenzene	0.88	0.050	1.000	0	88.0	80	120				
Xylenes, Total	2.7	0.10	3.000	0	89.3	80	120				
Surr: 4-Bromofluorobenzene	1.0		1.000		101	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 27

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107732

28-Jul-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: mb-61362 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 61362 RunNo: 79883

Prep Date: 7/15/2021 Analysis Date: 7/19/2021 SeqNo: 2811008 Units: mg/Kg

PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte Result Qual

Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 0.99 1.000 98.8 70 130

Sample ID: LCS-61362 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 61362 RunNo: 79883

Prep Date: 7/15/2021 Analys		Date: 7/	19/2021	9	SeqNo: 2811009 U			(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	89.0	80	120			
Toluene	0.92	0.050	1.000	0	91.6	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.2	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.0	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: 2107732-019ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: TP28-12 Batch ID: 61362 RunNo: 79883

Prep Date: 7/15/2021	Analysis [Date: 7/	19/2021	S	SeqNo: 2	811012	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.025	0.9833	0	81.2	80	120			
Toluene	0.84	0.049	0.9833	0	85.4	80	120			
Ethylbenzene	0.85	0.049	0.9833	0	86.5	80	120			
Xylenes, Total	2.6	0.098	2.950	0	87.5	80	120			
Surr: 4-Bromofluorobenzene	1.0		0.9833		102	70	130			

TestCode: EPA Method 8021B: Volatiles Sample ID: 2107732-019amsd SampType: MSD

Batch ID: 61362 Client ID: TP28-12 RunNo: 79883

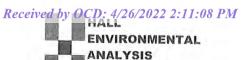
Prep Date: 7/15/2021	Analysis D	Date: 7/	19/2021	S	SeqNo: 2	811013	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.025	1.000	0	82.5	80	120	3.27	20	
Toluene	0.87	0.050	1.000	0	87.2	80	120	3.79	20	
Ethylbenzene	0.89	0.050	1.000	0	88.8	80	120	4.23	20	
Xylenes, Total	2.7	0.10	3.000	0	89.3	80	120	3.62	20	
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130	0	0	

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

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

Page 27 of 27



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

Sample Log-In Check List

ANALYSIS

LABORATORY

Albuquerque, NM 87109

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

Website: clients.hallenvironmental.com

Client Name:	GHD Midland	Work Order Nun	nber: 210	07732		RcptNo: 1
Received By:	Cheyenne Cason	7/15/2021 7:35:00	АМ		Chul	
Completed By:	Sean Livingston	7/15/2021 9:10:13	AM		Chul	Carr
Reviewed By:	JA7/11/21				Dr-6	130th
Chain of Cus	stody					
1. Is Chain of C	sustody complete?		Yes	· •	No 🗌	Not Present
2. How was the	sample delivered?		Cou	urier		
Log In						
	npt made to cool the sample	es?	Yes	V	No 🗌	NA 🗆
4. Were all samp	ples received at a temperatu	ure of >0° C to 6.0°C	Yes	V	No 🗌	NA 🗆
5. Sample(s) in	proper container(s)?		Yes	~	No 🗌	
6. Sufficient sam	ple volume for indicated tes	t(s)?	Yes	V	No 🗌	
7. Are samples (except VOA and ONG) prop	erly preserved?	Yes	~	No 🗌	
8. Was preserva	tive added to bottles?		Yes		No 🗸	NA 🗆
9. Received at le	east 1 vial with headspace <	1/4" for AQ VOA?	Yes		No 🗌	NA 🗹
10. Were any san	mple containers received bro	ken?	Yes		No 🗸	
						# of preserved bottles checked
	ork match bottle labels? ancies on chain of custody)		Yes	~	No 🗌	for pH:
	correctly identified on Chain	of Custody?	Yes		No 🗆	(<2 or >12 unless noted) Adjusted?
	t analyses were requested?	or Custody?	Yes	V	No 🗆	
14. Were all holdir	ng times able to be met?		Yes		No 🗆	Checked by: SPA 7.15
	ustomer for authorization.)					
	ing (if applicable)			1		
15. Was client not	tified of all discrepancies wit	th this order?	Yes		No L	NA 🔽
Person	Notified:	Date:				
By Who	om:	Via:	eM	ail 🔲	Phone Fax	In Person
Regardi	ng:					
Client In	structions:					
16. Additional ren	marks:					
17. Cooler Inforr	mation					
Cooler No		Seal Intact Seal No	Coal D	et-	0:10	
1	4.5 Good	Cour made Geal NO	Seal D	ale	Signed By	

12/11/2 Date

12/4/

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109



July 22, 2021

Tom Larson GHD Midland 2135 S Loop 250 W Midland, TX 79703

TEL: (432) 686-0086

FAX:

RE: Hornbaker BA Battery OrderNo.: 2107835

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 4 sample(s) on 7/16/2021 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 Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **2107835**

Date Reported: 7/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Lab Order: 2107835

Project: Hornbaker BA Battery

Lab ID: 2107835-001 **Collection Date:** 7/15/2021 8:00:00 AM

Client Sample ID: TP29-S Matrix: SOIL

Analyses	Result	RL Qu	al Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	60	mg/Kg	20	7/22/2021 5:07:24 AM	61462
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	7/20/2021 6:28:15 PM	61405
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/20/2021 6:28:15 PM	61405
Surr: DNOP	82.5	70-130	%Rec	1	7/20/2021 6:28:15 PM	61405
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/19/2021 11:57:58 PM	A 61386
Surr: BFB	94.9	70-130	%Rec	1	7/19/2021 11:57:58 PM	A 61386
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	7/19/2021 11:57:58 PM	A 61386
Toluene	ND	0.050	mg/Kg	1	7/19/2021 11:57:58 PN	A 61386
Ethylbenzene	ND	0.050	mg/Kg	1	7/19/2021 11:57:58 PM	A 61386
Xylenes, Total	ND	0.10	mg/Kg	1	7/19/2021 11:57:58 PM	A 61386
Surr: 4-Bromofluorobenzene	99.3	70-130	%Rec	1	7/19/2021 11:57:58 PM	A 61386

Lab ID: 2107835-002 **Collection Date:** 7/15/2021 8:15:00 AM

Client Sample ID: TP29-2 Matrix: SOIL

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	7/22/2021 5:19:49 AM	61462
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/20/2021 6:40:18 PM	61405
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/20/2021 6:40:18 PM	61405
Surr: DNOP	103	70-130	%Rec	1	7/20/2021 6:40:18 PM	61405
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/20/2021 1:32:02 AM	61386
Surr: BFB	94.6	70-130	%Rec	1	7/20/2021 1:32:02 AM	61386
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	7/20/2021 1:32:02 AM	61386
Toluene	ND	0.049	mg/Kg	1	7/20/2021 1:32:02 AM	61386
Ethylbenzene	ND	0.049	mg/Kg	1	7/20/2021 1:32:02 AM	61386
Xylenes, Total	ND	0.098	mg/Kg	1	7/20/2021 1:32:02 AM	61386
Surr: 4-Bromofluorobenzene	99.9	70-130	%Rec	1	7/20/2021 1:32:02 AM	61386

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 1 of 7

Lab Order: 2107835

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/22/2021

CLIENT: GHD Midland Lab Order: 2107835

Project: Hornbaker BA Battery

Lab ID: 2107835-003 **Collection Date:** 7/15/2021 8:30:00 AM

Client Sample ID: TP30-S Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Analyses Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP Chloride ND 60 7/22/2021 5:32:13 AM 61462 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 7/20/2021 6:52:28 PM ND 9.9 mg/Kg 61405 Motor Oil Range Organics (MRO) ND 7/20/2021 6:52:28 PM 61405 49 mg/Kg 1 Surr: DNOP 99.5 70-130 %Rec 7/20/2021 6:52:28 PM 61405 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 7/20/2021 1:55:39 AM 61386 Surr: BFB 94.8 70-130 %Rec 1 7/20/2021 1:55:39 AM 61386 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 7/20/2021 1:55:39 AM 61386 Toluene ND 0.049 mg/Kg 1 7/20/2021 1:55:39 AM 61386 Ethylbenzene ND 0.049 mg/Kg 1 7/20/2021 1:55:39 AM 61386 Xylenes, Total ND 0.097 mg/Kg 7/20/2021 1:55:39 AM 61386 Surr: 4-Bromofluorobenzene 99.5 70-130 %Rec 7/20/2021 1:55:39 AM 61386

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 7

Lab Order: 2107835

Date Reported: 7/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Lab Order: 2107835

Project: Hornbaker BA Battery

Lab ID: 2107835-004 **Collection Date:** 7/15/2021 8:35:00 AM

Client Sample ID: TP30-2 Matrix: SOIL

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch ID				
EPA METHOD 300.0: ANIONS					Analy	st: VP				
Chloride	ND	60	mg/Kg	20	7/22/2021 5:44:38 AM	1 61462				
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analy	st: SB				
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/20/2021 7:16:08 PM	1 61405				
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/20/2021 7:16:08 PM	1 61405				
Surr: DNOP	88.2	70-130	%Rec	1	7/20/2021 7:16:08 PN	1 61405				
EPA METHOD 8015D: GASOLINE RANGE					Analy	st: NSB				
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/20/2021 2:19:10 AM	1 61386				
Surr: BFB	94.5	70-130	%Rec	1	7/20/2021 2:19:10 AN	1 61386				
EPA METHOD 8021B: VOLATILES					Analy	st: NSB				
Benzene	ND	0.025	mg/Kg	1	7/20/2021 2:19:10 AN	1 61386				
Toluene	ND	0.050	mg/Kg	1	7/20/2021 2:19:10 AN	1 61386				
Ethylbenzene	ND	0.050	mg/Kg	1	7/20/2021 2:19:10 AN	1 61386				
Xylenes, Total	ND	0.10	mg/Kg	1	7/20/2021 2:19:10 AN	1 61386				
Surr: 4-Bromofluorobenzene	99.3	70-130	%Rec	1	7/20/2021 2:19:10 AM	1 61386				

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- 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 3 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107835 23-Jul-21**

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: MB-61462 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 61462 RunNo: 79956

Prep Date: 7/21/2021 Analysis Date: 7/22/2021 SeqNo: 2813957 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-61462 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 61462 RunNo: 79956

Prep Date: 7/21/2021 Analysis Date: 7/22/2021 SeqNo: 2813958 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 95.4 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 4 of 7

Hall Environmental Analysis Laboratory, Inc.

2107835 23-Jul-21

WO#:

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: MB-61405 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: **PBS** Batch ID: **61405** RunNo: **79945**

Prep Date: 7/19/2021 Analysis Date: 7/20/2021 SeqNo: 2813316 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 10.00 101 70 130

Sample ID: LCS-61405 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 61405 RunNo: 79945

Prep Date: 7/19/2021 Analysis Date: 7/20/2021 SeqNo: 2813318 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Diesel Range Organics (DRO)
 40
 10
 50.00
 0
 80.2
 68.9
 141

 Surr: DNOP
 4.6
 5.000
 91.9
 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

Page 5 of 7

Hall Environmental Analysis Laboratory, Inc.

2107835 23-Jul-21

WO#:

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: mb-61362 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **61362** RunNo: **79883**

Prep Date: 7/15/2021 Analysis Date: 7/19/2021 SeqNo: 2810954 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: BFB 970 1000 96.5 70 130

Sample ID: Ics-61362 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 61362 RunNo: 79883

Prep Date: 7/15/2021 Analysis Date: 7/19/2021 SeqNo: 2810955 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: BFB 1100 1000 107 70 130

Sample ID: mb-61386 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 61386 RunNo: 79883

Prep Date: 7/17/2021 Analysis Date: 7/20/2021 SeqNo: 2810968 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 940 1000 94.1 70 130

Sample ID: Ics-61386 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 61386 RunNo: 79883

Prep Date: 7/17/2021 Analysis Date: 7/19/2021 SeqNo: 2810969 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Gasoline Range Organics (GRO)
 24
 5.0
 25.00
 0
 96.5
 78.6
 131

 Surr: BFB
 1100
 1000
 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

Page 6 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107835**

23-Jul-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: mb-61362 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 61362 RunNo: 79883

Prep Date: 7/15/2021 Analysis Date: 7/19/2021 SeqNo: 2811008 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: 4-Bromofluorobenzene 0.99 1.000 98.8 70 130

Sample ID: LCS-61362 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 61362 RunNo: 79883

ND

0.99

0.10

Prep Date: 7/15/2021 Analysis Date: 7/19/2021 SeqNo: 2811009 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: 4-Bromofluorobenzene 1.0 1.000 102 70 130

Sample ID: mb-61386 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 61386 RunNo: 79883 Prep Date: 7/17/2021 Analysis Date: 7/20/2021 SeqNo: 2811025 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result ND 0.025 Benzene ND 0.050 Toluene Ethylbenzene ND 0.050

99.2

70

130

Sample ID: LCS-61386 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 61386 RunNo: 79883 Prep Date: 7/17/2021 Analysis Date: 7/19/2021 SeqNo: 2811026 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Benzene 0.98 0.025 1.000 0 97.7 80 120 0.050 1.000 0 97.8 80 120 Toluene 0.98 Ethylbenzene 0.98 0.050 1.000 0 98.1 80 120

 Toluene
 0.98
 0.050
 1.000
 0
 97.8
 80
 120

 Ethylbenzene
 0.98
 0.050
 1.000
 0
 98.1
 80
 120

 Xylenes, Total
 2.9
 0.10
 3.000
 0
 97.8
 80
 120

 Surr: 4-Bromofluorobenzene
 1.0
 1.000
 102
 70
 130

1.000

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

- 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 7 of 7



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

Sample Log-In Check List

TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Client Name: GHD Midland	Work Order Num	ber: 2107835		RcptNo:	1
Received By: Cheyenne Cason	7/16/2021 7:40:00	АМ	Chul		
Completed By: Isaiah Ortiz	7/16/2021 9:11:22	АМ	Chul	4	
Reviewed By: TR 716/21				,	
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🗸	No 🗌	Not Present	
2. How was the sample delivered?		Courier			
Log In					
3. Was an attempt made to cool the sample	es?	Yes 🗹	No 🗌	NA 🗆	
4. Were all samples received at a temperati	ure of >0° C to 6.0°C	Yes 🗸	No 🗌	na 🗆	
					÷
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌		
6. Sufficient sample volume for indicated tes	it(s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG) prop	perly 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 🗹	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s
10. Were any sample containers received bro	ken?	Yes	No 🗹		
				# of preserved bottles checked	
11. Does paperwork match bottle labels?		Yes 🗹	No 🗌	for pH:	12lana antad\
(Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain	of Custodia	Yes 🗹	No 🗆	Adjusted?	12 unless noted)
13. Is it clear what analyses were requested?	of Custody?	Yes ✔ Yes ✔	No 🗆	,	
14. Were all holding times able to be met?		Yes ✓	No 🗆	Checked by: T	Je 7.16.2.1
(If no, notify customer for authorization.)		163 🖭	110	/	
Special Handling (if applicable)					
15. Was client notified of all discrepancies w	th this order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date			:	
By Whom:	Via:	eMail 🔲 F	hone Fax	☐ In Person	
Regarding:	***************************************		Selvino and de la la la la la la la la la la la la la		
Client Instructions:			A CONTRACTOR OF THE PROPERTY OF THE PARTY OF		
16. Additional remarks:	·········				
17. <u>Cooler Information</u>					
Cooler No Temp °C Condition	Seal Intact Seal No	Seal Date	Signed By		
	Not Present	<u>:</u>			

	ANAL SINVIRONMENTAL	www hallenvironmental com	4901 Hawkins NE - Albuquerque, NM 87109		Inal	₽ O	SV SV	PO.	(1.40) (1.40) (1.40) (1.40) (1.40) (1.40)	o O)	etho 83° Met 7, M AC AC	FPH:801 B081 Pe EDB (Ma PAHs by RCRA 8 SCRA 8 SCRA 8 SCRA (VG SCRA (Cotal Co		2	L L	₹ 					Remarks: Please email: Chase_Settle@eogresources.com;	Tom.Larson@ghd.com; Zach.Comino@ghd.com: Along with Becky Haskell listed above	Direct Bill to EOG Chase Settle	
Day			Batter							/ 38		HEAL No.	×	× Z00 ~	く	R					Time	0271 17	Date Time	,
Turn-Around Time: 🗲 🗅	☑ Standard □ Rush	Project Name:	Hanbaler BA Bat	Project #:	11228980	Project Manager:	Becky Haskell	Tom Larson	Sampler: Zach Centrals	olers: 1)(including CF): 3 ル	Container Preservative Type and # Type	50 40x 1 11/1A	-		メメ					Received by: Via:	MM	Received by: Via:	ľ
n-of-Custody Record				Suite 108, Artesia NM 88210	(505)377-4218	Becky. Haskell@ghd.com		☐ Level 4 (Full Validation) T	☐ Az Compliance ☐ Other			Matrix Sample Name	5 1729-3	7-824.1	1 1250-5	2-821 2					Refinquished by:		telinquished by:	
Chai	Client: GHD		Mailing Address:	324 W. Main St.	Phone #:	email or Fax#:	QA/QC Package:	☐ Standard	Accreditation: ☐ NELAC	☐ EDD (Type)		Date Time	1/15/21 800	1 815	830	X 835						تد	Date: Time:	· デンコー



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

OrderNo.: 2112741

December 21, 2021

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

FAX:

RE: Hornbaker BA Battery

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 36 sample(s) on 12/10/2021 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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-4-5

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 8:05:00 AM

 Lab ID:
 2112741-001
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed Bat	tch
EPA METHOD 300.0: ANIONS						Analyst: JM	ΙΤ
Chloride	2000	60		mg/Kg	20	12/16/2021 12:40:55 AM 645	545
EPA METHOD 8015M/D: DIESEL RANGE OR	RGANICS					Analyst: TO l	М
Diesel Range Organics (DRO)	290	95		mg/Kg	10	12/14/2021 9:57:28 AM 644	450
Motor Oil Range Organics (MRO)	480	470		mg/Kg	10	12/14/2021 9:57:28 AM 644	450
Surr: DNOP	0	70-130	S	%Rec	10	12/14/2021 9:57:28 AM 644	450
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NS I	В
Gasoline Range Organics (GRO)	ND	23		mg/Kg	5	12/13/2021 2:31:34 PM 644	437
Surr: BFB	101	70-130		%Rec	5	12/13/2021 2:31:34 PM 644	437
EPA METHOD 8021B: VOLATILES						Analyst: NS l	В
Benzene	ND	0.11		mg/Kg	5	12/13/2021 2:31:34 PM 644	437
Toluene	ND	0.23		mg/Kg	5	12/13/2021 2:31:34 PM 644	437
Ethylbenzene	ND	0.23		mg/Kg	5	12/13/2021 2:31:34 PM 644	437
Xylenes, Total	ND	0.46		mg/Kg	5	12/13/2021 2:31:34 PM 644	437
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5	12/13/2021 2:31:34 PM 644	437

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 interference
- 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 1 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-4-10

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 8:10:00 AM

 Lab ID:
 2112741-002
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	2900	150	mg/Kg	50	12/17/2021 1:37:59 AM A8459
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst: TOM
Diesel Range Organics (DRO)	97	9.8	mg/Kg	1	12/14/2021 10:09:29 AM 64450
Motor Oil Range Organics (MRO)	66	49	mg/Kg	1	12/14/2021 10:09:29 AM 64450
Surr: DNOP	89.8	70-130	%Rec	1	12/14/2021 10:09:29 AM 64450
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	23	mg/Kg	5	12/13/2021 2:55:15 PM 64437
Surr: BFB	103	70-130	%Rec	5	12/13/2021 2:55:15 PM 64437
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.12	mg/Kg	5	12/13/2021 2:55:15 PM 64437
Toluene	ND	0.23	mg/Kg	5	12/13/2021 2:55:15 PM 64437
Ethylbenzene	ND	0.23	mg/Kg	5	12/13/2021 2:55:15 PM 64437
Xylenes, Total	ND	0.46	mg/Kg	5	12/13/2021 2:55:15 PM 64437
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	5	12/13/2021 2:55:15 PM 64437

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
- D Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- 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 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-4-15

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 8:15:00 AM

 Lab ID:
 2112741-003
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	2900	150	mg/Kg	50	12/17/2021 1:50:23 AM A84591
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	12/14/2021 10:21:32 AM 64450
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2021 10:21:32 AM 64450
Surr: DNOP	86.1	70-130	%Rec	1	12/14/2021 10:21:32 AM 64450
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	12/13/2021 3:42:29 PM 64437
Surr: BFB	102	70-130	%Rec	5	12/13/2021 3:42:29 PM 64437
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.12	mg/Kg	5	12/13/2021 3:42:29 PM 64437
Toluene	ND	0.24	mg/Kg	5	12/13/2021 3:42:29 PM 64437
Ethylbenzene	ND	0.24	mg/Kg	5	12/13/2021 3:42:29 PM 64437
Xylenes, Total	ND	0.48	mg/Kg	5	12/13/2021 3:42:29 PM 64437
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	5	12/13/2021 3:42:29 PM 64437

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 interference
- 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 3 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-4-20

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 8:20:00 AM

 Lab ID:
 2112741-004
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	2600	150	mg/Kg	50	12/17/2021 2:02:47 AM A84591
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TOM
Diesel Range Organics (DRO)	87	9.7	mg/Kg	1	12/14/2021 10:33:39 AM 64450
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/14/2021 10:33:39 AM 64450
Surr: DNOP	86.9	70-130	%Rec	1	12/14/2021 10:33:39 AM 64450
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	23	mg/Kg	5	12/13/2021 5:16:52 PM 64437
Surr: BFB	101	70-130	%Rec	5	12/13/2021 5:16:52 PM 64437
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.12	mg/Kg	5	12/13/2021 5:16:52 PM 64437
Toluene	ND	0.23	mg/Kg	5	12/13/2021 5:16:52 PM 64437
Ethylbenzene	ND	0.23	mg/Kg	5	12/13/2021 5:16:52 PM 64437
Xylenes, Total	ND	0.46	mg/Kg	5	12/13/2021 5:16:52 PM 64437
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	5	12/13/2021 5:16:52 PM 64437

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
- D Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- 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 4 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-4-25

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 8:25:00 AM

 Lab ID:
 2112741-005
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	2100	150	mg/Kg	50	12/17/2021 2:15:11 AM A84591
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	12/14/2021 10:45:49 AM 64450
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/14/2021 10:45:49 AM 64450
Surr: DNOP	86.3	70-130	%Rec	1	12/14/2021 10:45:49 AM 64450
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/13/2021 5:40:20 PM 64437
Surr: BFB	102	70-130	%Rec	1	12/13/2021 5:40:20 PM 64437
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/13/2021 5:40:20 PM 64437
Toluene	ND	0.048	mg/Kg	1	12/13/2021 5:40:20 PM 64437
Ethylbenzene	ND	0.048	mg/Kg	1	12/13/2021 5:40:20 PM 64437
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2021 5:40:20 PM 64437
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/13/2021 5:40:20 PM 64437

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 interference
- 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 5 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-4-30

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 8:30:00 AM

 Lab ID:
 2112741-006
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	880	60	mg/Kg	20	12/16/2021 2:32:34 AM 64545
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	12/14/2021 10:57:41 AM 64450
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/14/2021 10:57:41 AM 64450
Surr: DNOP	88.3	70-130	%Rec	1	12/14/2021 10:57:41 AM 64450
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/13/2021 6:03:53 PM 64437
Surr: BFB	104	70-130	%Rec	1	12/13/2021 6:03:53 PM 64437
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	12/13/2021 6:03:53 PM 64437
Toluene	ND	0.050	mg/Kg	1	12/13/2021 6:03:53 PM 64437
Ethylbenzene	ND	0.050	mg/Kg	1	12/13/2021 6:03:53 PM 64437
Xylenes, Total	ND	0.099	mg/Kg	1	12/13/2021 6:03:53 PM 64437
Surr: 4-Bromofluorobenzene	109	70-130	%Rec	1	12/13/2021 6:03:53 PM 64437

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 interference
- 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 6 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-4-35

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 8:35:00 AM

 Lab ID:
 2112741-007
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	340	59	mg/Kg	20	12/16/2021 2:44:58 AM 64545
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	12/14/2021 11:09:11 AM 64450
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2021 11:09:11 AM 64450
Surr: DNOP	85.5	70-130	%Rec	1	12/14/2021 11:09:11 AM 64450
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2021 6:27:22 PM 64437
Surr: BFB	103	70-130	%Rec	1	12/13/2021 6:27:22 PM 64437
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	12/13/2021 6:27:22 PM 64437
Toluene	ND	0.049	mg/Kg	1	12/13/2021 6:27:22 PM 64437
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2021 6:27:22 PM 64437
Xylenes, Total	ND	0.098	mg/Kg	1	12/13/2021 6:27:22 PM 64437
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/13/2021 6:27:22 PM 64437

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 interference
- 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 7 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-4-40

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 8:40:00 AM

 Lab ID:
 2112741-008
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	150	60	mg/Kg	20	12/16/2021 2:57:22 AM 64545
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	12/14/2021 11:21:03 AM 64450
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/14/2021 11:21:03 AM 64450
Surr: DNOP	88.2	70-130	%Rec	1	12/14/2021 11:21:03 AM 64450
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/13/2021 6:50:46 PM 64437
Surr: BFB	101	70-130	%Rec	1	12/13/2021 6:50:46 PM 64437
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/13/2021 6:50:46 PM 64437
Toluene	ND	0.048	mg/Kg	1	12/13/2021 6:50:46 PM 64437
Ethylbenzene	ND	0.048	mg/Kg	1	12/13/2021 6:50:46 PM 64437
Xylenes, Total	ND	0.095	mg/Kg	1	12/13/2021 6:50:46 PM 64437
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	12/13/2021 6:50:46 PM 64437

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 interference
- 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 8 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-5

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 9:35:00 AM

 Lab ID:
 2112741-009
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	9500	600	mg/Kg	200	0 12/17/2021 2:27:36 AM A8459
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	12/14/2021 11:33:28 AM 64450
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/14/2021 11:33:28 AM 64450
Surr: DNOP	94.4	70-130	%Rec	1	12/14/2021 11:33:28 AM 64450
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/13/2021 7:14:16 PM 64437
Surr: BFB	104	70-130	%Rec	1	12/13/2021 7:14:16 PM 64437
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	12/13/2021 7:14:16 PM 64437
Toluene	ND	0.047	mg/Kg	1	12/13/2021 7:14:16 PM 64437
Ethylbenzene	ND	0.047	mg/Kg	1	12/13/2021 7:14:16 PM 64437
Xylenes, Total	ND	0.093	mg/Kg	1	12/13/2021 7:14:16 PM 64437
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	12/13/2021 7:14:16 PM 64437

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 interference
- 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 9 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-10

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 9:40:00 AM

 Lab ID:
 2112741-010
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	11000	610	mg/Kg	200	0 12/17/2021 2:40:00 AM A84591
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	12/14/2021 11:45:01 AM 64450
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/14/2021 11:45:01 AM 64450
Surr: DNOP	88.0	70-130	%Rec	1	12/14/2021 11:45:01 AM 64450
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/13/2021 7:37:31 PM 64437
Surr: BFB	106	70-130	%Rec	1	12/13/2021 7:37:31 PM 64437
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	12/13/2021 7:37:31 PM 64437
Toluene	ND	0.047	mg/Kg	1	12/13/2021 7:37:31 PM 64437
Ethylbenzene	ND	0.047	mg/Kg	1	12/13/2021 7:37:31 PM 64437
Xylenes, Total	ND	0.093	mg/Kg	1	12/13/2021 7:37:31 PM 64437
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	12/13/2021 7:37:31 PM 64437

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 interference
- 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 10 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-15

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 9:45:00 AM

 Lab ID:
 2112741-011
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	7000	300	mg/Kg	100	0 12/17/2021 7:56:33 AM 64563
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	12/14/2021 11:56:48 AM 64450
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/14/2021 11:56:48 AM 64450
Surr: DNOP	88.5	70-130	%Rec	1	12/14/2021 11:56:48 AM 64450
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/13/2021 8:00:59 PM 64437
Surr: BFB	102	70-130	%Rec	1	12/13/2021 8:00:59 PM 64437
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/13/2021 8:00:59 PM 64437
Toluene	ND	0.048	mg/Kg	1	12/13/2021 8:00:59 PM 64437
Ethylbenzene	ND	0.048	mg/Kg	1	12/13/2021 8:00:59 PM 64437
Xylenes, Total	ND	0.096	mg/Kg	1	12/13/2021 8:00:59 PM 64437
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/13/2021 8:00:59 PM 64437

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 interference
- 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 11 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-20

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 9:50:00 AM

 Lab ID:
 2112741-012
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	7000	300	mg/Kg	100	0 12/17/2021 8:08:58 AM 64563
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	12/14/2021 12:08:52 PM 64450
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2021 12:08:52 PM 64450
Surr: DNOP	91.5	70-130	%Rec	1	12/14/2021 12:08:52 PM 64450
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/13/2021 8:24:27 PM 64437
Surr: BFB	103	70-130	%Rec	1	12/13/2021 8:24:27 PM 64437
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/13/2021 8:24:27 PM 64437
Toluene	ND	0.047	mg/Kg	1	12/13/2021 8:24:27 PM 64437
Ethylbenzene	ND	0.047	mg/Kg	1	12/13/2021 8:24:27 PM 64437
Xylenes, Total	ND	0.094	mg/Kg	1	12/13/2021 8:24:27 PM 64437
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	12/13/2021 8:24:27 PM 64437

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
- D Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- 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 12 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-25

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 9:55:00 AM

 Lab ID:
 2112741-013
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bato	ch
EPA METHOD 300.0: ANIONS					Analyst: JMT	Т
Chloride	8500	300	mg/Kg	100	0 12/17/2021 8:21:22 AM 6456	63
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: TON	М
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	12/14/2021 12:20:33 PM 6445	50
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2021 12:20:33 PM 6445	50
Surr: DNOP	90.4	70-130	%Rec	1	12/14/2021 12:20:33 PM 6445	50
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSE	В
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	12/13/2021 8:47:56 PM 6443	37
Surr: BFB	104	70-130	%Rec	1	12/13/2021 8:47:56 PM 6443	37
EPA METHOD 8021B: VOLATILES					Analyst: NSE	В
Benzene	ND	0.023	mg/Kg	1	12/13/2021 8:47:56 PM 6443	37
Toluene	ND	0.046	mg/Kg	1	12/13/2021 8:47:56 PM 6443	37
Ethylbenzene	ND	0.046	mg/Kg	1	12/13/2021 8:47:56 PM 6443	37
Xylenes, Total	ND	0.092	mg/Kg	1	12/13/2021 8:47:56 PM 6443	37
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	12/13/2021 8:47:56 PM 6443	37

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 interference
- 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 13 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-30

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 10:00:00 AM

 Lab ID:
 2112741-014
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	5100	300	mg/Kg	100	0 12/17/2021 8:33:46 AM 64563
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	8.8	mg/Kg	1	12/14/2021 4:57:08 PM 64482
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	12/14/2021 4:57:08 PM 64482
Surr: DNOP	94.2	70-130	%Rec	1	12/14/2021 4:57:08 PM 64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/14/2021 11:53:23 AM 64464
Surr: BFB	100	70-130	%Rec	1	12/14/2021 11:53:23 AM 64464
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	12/14/2021 11:53:23 AM 64464
Toluene	ND	0.047	mg/Kg	1	12/14/2021 11:53:23 AM 64464
Ethylbenzene	ND	0.047	mg/Kg	1	12/14/2021 11:53:23 AM 64464
Xylenes, Total	ND	0.093	mg/Kg	1	12/14/2021 11:53:23 AM 64464
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	12/14/2021 11:53:23 AM 64464

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

Page 14 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-35

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 10:05:00 AM

 Lab ID:
 2112741-015
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	2900	150	mg/Kg	50	12/17/2021 8:46:10 AM	64563
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	12/14/2021 5:21:29 PM	64482
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/14/2021 5:21:29 PM	64482
Surr: DNOP	94.5	70-130	%Rec	1	12/14/2021 5:21:29 PM	64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	12/14/2021 1:04:02 PM	64464
Surr: BFB	106	70-130	%Rec	1	12/14/2021 1:04:02 PM	64464
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	12/14/2021 1:04:02 PM	64464
Toluene	ND	0.046	mg/Kg	1	12/14/2021 1:04:02 PM	64464
Ethylbenzene	ND	0.046	mg/Kg	1	12/14/2021 1:04:02 PM	64464
Xylenes, Total	ND	0.092	mg/Kg	1	12/14/2021 1:04:02 PM	64464
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	12/14/2021 1:04:02 PM	64464

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 interference
- 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 15 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-40

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 10:10:00 AM

 Lab ID:
 2112741-016
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	4900	150	mg/Kg	50	12/17/2021 8:58:35 AM	64563
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	12/14/2021 5:45:42 PM	64482
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/14/2021 5:45:42 PM	64482
Surr: DNOP	94.5	70-130	%Rec	1	12/14/2021 5:45:42 PM	64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2021 2:15:00 PM	64464
Surr: BFB	103	70-130	%Rec	1	12/14/2021 2:15:00 PM	64464
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 2:15:00 PM	64464
Toluene	ND	0.048	mg/Kg	1	12/14/2021 2:15:00 PM	64464
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2021 2:15:00 PM	64464
Xylenes, Total	ND	0.096	mg/Kg	1	12/14/2021 2:15:00 PM	64464
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/14/2021 2:15:00 PM	64464

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 interference
- 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 16 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-45

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 10:15:00 AM

 Lab ID:
 2112741-017
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	3600	150	mg/Kg	50	12/17/2021 9:10:59 AM	64563
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	8.8	mg/Kg	1	12/14/2021 6:10:05 PM	64482
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	12/14/2021 6:10:05 PM	64482
Surr: DNOP	94.4	70-130	%Rec	1	12/14/2021 6:10:05 PM	64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/14/2021 2:38:42 PM	64464
Surr: BFB	104	70-130	%Rec	1	12/14/2021 2:38:42 PM	64464
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 2:38:42 PM	64464
Toluene	ND	0.047	mg/Kg	1	12/14/2021 2:38:42 PM	64464
Ethylbenzene	ND	0.047	mg/Kg	1	12/14/2021 2:38:42 PM	64464
Xylenes, Total	ND	0.094	mg/Kg	1	12/14/2021 2:38:42 PM	64464
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/14/2021 2:38:42 PM	64464

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 interference
- 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 17 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-50

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 10:20:00 AM

 Lab ID:
 2112741-018
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	3000	150	mg/Kg	50	12/17/2021 9:23:23 AM	64563
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	12/14/2021 6:34:17 PM	64482
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/14/2021 6:34:17 PM	64482
Surr: DNOP	96.4	70-130	%Rec	1	12/14/2021 6:34:17 PM	64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/14/2021 3:02:14 PM	64464
Surr: BFB	104	70-130	%Rec	1	12/14/2021 3:02:14 PM	64464
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	12/14/2021 3:02:14 PM	64464
Toluene	ND	0.050	mg/Kg	1	12/14/2021 3:02:14 PM	64464
Ethylbenzene	ND	0.050	mg/Kg	1	12/14/2021 3:02:14 PM	64464
Xylenes, Total	ND	0.10	mg/Kg	1	12/14/2021 3:02:14 PM	64464
Surr: 4-Bromofluorobenzene	109	70-130	%Rec	1	12/14/2021 3:02:14 PM	64464

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 interference
- 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 18 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-55

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 10:25:00 AM

 Lab ID:
 2112741-019
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	5100	300	mg/Kg	100	12/17/2021 9:35:48 AM	64563
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	12/14/2021 6:58:41 PM	64482
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2021 6:58:41 PM	64482
Surr: DNOP	91.6	70-130	%Rec	1	12/14/2021 6:58:41 PM	64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2021 3:25:47 PM	64464
Surr: BFB	102	70-130	%Rec	1	12/14/2021 3:25:47 PM	64464
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 3:25:47 PM	64464
Toluene	ND	0.048	mg/Kg	1	12/14/2021 3:25:47 PM	64464
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2021 3:25:47 PM	64464
Xylenes, Total	ND	0.096	mg/Kg	1	12/14/2021 3:25:47 PM	64464
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	12/14/2021 3:25:47 PM	64464

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 interference
- 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 19 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-60

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 10:30:00 AM

 Lab ID:
 2112741-020
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	6800	300	mg/Kg	100) 12/17/2021 9:48:13 AM	64563
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	8.9	mg/Kg	1	12/14/2021 7:22:54 PM	64482
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	12/14/2021 7:22:54 PM	64482
Surr: DNOP	97.6	70-130	%Rec	1	12/14/2021 7:22:54 PM	64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/14/2021 3:49:20 PM	64464
Surr: BFB	102	70-130	%Rec	1	12/14/2021 3:49:20 PM	64464
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 3:49:20 PM	64464
Toluene	ND	0.047	mg/Kg	1	12/14/2021 3:49:20 PM	64464
Ethylbenzene	ND	0.047	mg/Kg	1	12/14/2021 3:49:20 PM	64464
Xylenes, Total	ND	0.095	mg/Kg	1	12/14/2021 3:49:20 PM	64464
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	12/14/2021 3:49:20 PM	64464

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 interference
- 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 20 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-70

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 10:35:00 AM

 Lab ID:
 2112741-021
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	2400	150	mg/Kg	50	12/17/2021 10:25:26 AM 64563
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	12/14/2021 7:47:10 PM 64482
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2021 7:47:10 PM 64482
Surr: DNOP	98.4	70-130	%Rec	1	12/14/2021 7:47:10 PM 64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2021 4:12:50 PM 64464
Surr: BFB	105	70-130	%Rec	1	12/14/2021 4:12:50 PM 64464
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 4:12:50 PM 64464
Toluene	ND	0.048	mg/Kg	1	12/14/2021 4:12:50 PM 64464
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2021 4:12:50 PM 64464
Xylenes, Total	ND	0.096	mg/Kg	1	12/14/2021 4:12:50 PM 64464
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/14/2021 4:12:50 PM 64464

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 interference
- 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 21 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-80

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 12:30:00 PM

 Lab ID:
 2112741-022
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	LRN
Chloride	530	60	mg/Kg	20	12/16/2021 5:41:36 PM	64563
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	12/14/2021 8:11:21 PM	64482
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2021 8:11:21 PM	64482
Surr: DNOP	104	70-130	%Rec	1	12/14/2021 8:11:21 PM	64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/14/2021 5:47:05 PM	64464
Surr: BFB	101	70-130	%Rec	1	12/14/2021 5:47:05 PM	64464
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.023	mg/Kg	1	12/14/2021 5:47:05 PM	64464
Toluene	ND	0.047	mg/Kg	1	12/14/2021 5:47:05 PM	64464
Ethylbenzene	ND	0.047	mg/Kg	1	12/14/2021 5:47:05 PM	64464
Xylenes, Total	ND	0.093	mg/Kg	1	12/14/2021 5:47:05 PM	64464
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	12/14/2021 5:47:05 PM	64464

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 interference
- 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 22 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-2-85

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 1:30:00 PM

 Lab ID:
 2112741-023
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	LRN
Chloride	ND	59	mg/Kg	20	12/16/2021 5:53:57 PM	64563
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	12/14/2021 8:35:46 PM	64482
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/14/2021 8:35:46 PM	64482
Surr: DNOP	91.4	70-130	%Rec	1	12/14/2021 8:35:46 PM	64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/14/2021 6:10:39 PM	64464
Surr: BFB	104	70-130	%Rec	1	12/14/2021 6:10:39 PM	64464
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 6:10:39 PM	64464
Toluene	ND	0.047	mg/Kg	1	12/14/2021 6:10:39 PM	64464
Ethylbenzene	ND	0.047	mg/Kg	1	12/14/2021 6:10:39 PM	64464
Xylenes, Total	ND	0.094	mg/Kg	1	12/14/2021 6:10:39 PM	64464
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	12/14/2021 6:10:39 PM	64464

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 interference
- 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 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-5

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 1:45:00 PM

 Lab ID:
 2112741-024
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bar	atch
EPA METHOD 300.0: ANIONS					Analyst: JM	ИΤ
Chloride	5900	300	mg/Kg	100) 12/17/2021 10:37:51 AM 645	563
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BR	RM
Diesel Range Organics (DRO)	12	8.7	mg/Kg	1	12/14/2021 8:59:56 PM 644	1482
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	12/14/2021 8:59:56 PM 644	1482
Surr: DNOP	95.3	70-130	%Rec	1	12/14/2021 8:59:56 PM 644	1482
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NS	SB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2021 6:34:12 PM 644	1464
Surr: BFB	102	70-130	%Rec	1	12/14/2021 6:34:12 PM 644	464
EPA METHOD 8021B: VOLATILES					Analyst: NS	SB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 6:34:12 PM 644	1464
Toluene	ND	0.048	mg/Kg	1	12/14/2021 6:34:12 PM 644	1464
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2021 6:34:12 PM 644	1464
Xylenes, Total	ND	0.097	mg/Kg	1	12/14/2021 6:34:12 PM 644	1464
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/14/2021 6:34:12 PM 644	1464

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 interference
- 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 24 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-10

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 1:50:00 PM

 Lab ID:
 2112741-025
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	4600	150	mg/Kg	50	12/17/2021 10:50:15 AM 64563
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	12/14/2021 9:24:21 PM 64482
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/14/2021 9:24:21 PM 64482
Surr: DNOP	97.0	70-130	%Rec	1	12/14/2021 9:24:21 PM 64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2021 6:57:32 PM 64464
Surr: BFB	104	70-130	%Rec	1	12/14/2021 6:57:32 PM 64464
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 6:57:32 PM 64464
Toluene	ND	0.049	mg/Kg	1	12/14/2021 6:57:32 PM 64464
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2021 6:57:32 PM 64464
Xylenes, Total	ND	0.098	mg/Kg	1	12/14/2021 6:57:32 PM 64464
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/14/2021 6:57:32 PM 64464

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 interference
- 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 25 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-15

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 1:55:00 PM

 Lab ID:
 2112741-026
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	6300	300	mg/Kg	100	12/17/2021 11:02:40 AM 64563
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	8.8	mg/Kg	1	12/14/2021 9:48:59 PM 64482
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	12/14/2021 9:48:59 PM 64482
Surr: DNOP	95.7	70-130	%Rec	1	12/14/2021 9:48:59 PM 64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2021 7:20:48 PM 64464
Surr: BFB	104	70-130	%Rec	1	12/14/2021 7:20:48 PM 64464
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 7:20:48 PM 64464
Toluene	ND	0.048	mg/Kg	1	12/14/2021 7:20:48 PM 64464
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2021 7:20:48 PM 64464
Xylenes, Total	ND	0.096	mg/Kg	1	12/14/2021 7:20:48 PM 64464
Surr: 4-Bromofluorobenzene	109	70-130	%Rec	1	12/14/2021 7:20:48 PM 64464

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 interference
- 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 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-20

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 2:00:00 PM

 Lab ID:
 2112741-027
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	5700	150	mg/Kg	50	12/17/2021 11:15:04 AM 64563
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: BRM
Diesel Range Organics (DRO)	11	9.3	mg/Kg	1	12/14/2021 10:13:16 PM 64482
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/14/2021 10:13:16 PM 64482
Surr: DNOP	103	70-130	%Rec	1	12/14/2021 10:13:16 PM 64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2021 7:44:17 PM 64464
Surr: BFB	103	70-130	%Rec	1	12/14/2021 7:44:17 PM 64464
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 7:44:17 PM 64464
Toluene	ND	0.048	mg/Kg	1	12/14/2021 7:44:17 PM 64464
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2021 7:44:17 PM 64464
Xylenes, Total	ND	0.096	mg/Kg	1	12/14/2021 7:44:17 PM 64464
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	12/14/2021 7:44:17 PM 64464

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 interference
- 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 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-25

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 2:05:00 PM

 Lab ID:
 2112741-028
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	9200	590	mg/Kg	200	12/17/2021 11:27:29 AM 64563
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	12/14/2021 10:37:22 PM 64482
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/14/2021 10:37:22 PM 64482
Surr: DNOP	95.2	70-130	%Rec	1	12/14/2021 10:37:22 PM 64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	12/14/2021 8:07:52 PM 64464
Surr: BFB	104	70-130	%Rec	1	12/14/2021 8:07:52 PM 64464
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	12/14/2021 8:07:52 PM 64464
Toluene	ND	0.046	mg/Kg	1	12/14/2021 8:07:52 PM 64464
Ethylbenzene	ND	0.046	mg/Kg	1	12/14/2021 8:07:52 PM 64464
Xylenes, Total	ND	0.093	mg/Kg	1	12/14/2021 8:07:52 PM 64464
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/14/2021 8:07:52 PM 64464

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- 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 28 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-30

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 2:10:00 PM

 Lab ID:
 2112741-029
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	5400	300	mg/Kg	100	12/17/2021 11:39:53 AM 64563
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	12/14/2021 11:01:33 PM 64482
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/14/2021 11:01:33 PM 64482
Surr: DNOP	96.6	70-130	%Rec	1	12/14/2021 11:01:33 PM 64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2021 8:31:14 PM 64464
Surr: BFB	104	70-130	%Rec	1	12/14/2021 8:31:14 PM 64464
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	12/14/2021 8:31:14 PM 64464
Toluene	ND	0.049	mg/Kg	1	12/14/2021 8:31:14 PM 64464
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2021 8:31:14 PM 64464
Xylenes, Total	ND	0.099	mg/Kg	1	12/14/2021 8:31:14 PM 64464
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	12/14/2021 8:31:14 PM 64464

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 interference
- 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 29 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-35

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 2:15:00 PM

 Lab ID:
 2112741-030
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	5100	150	mg/Kg	50	12/17/2021 11:52:18 AM 64563
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	12/14/2021 11:25:43 PM 64482
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/14/2021 11:25:43 PM 64482
Surr: DNOP	96.2	70-130	%Rec	1	12/14/2021 11:25:43 PM 64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2021 8:54:46 PM 64464
Surr: BFB	104	70-130	%Rec	1	12/14/2021 8:54:46 PM 64464
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 8:54:46 PM 64464
Toluene	ND	0.049	mg/Kg	1	12/14/2021 8:54:46 PM 64464
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2021 8:54:46 PM 64464
Xylenes, Total	ND	0.098	mg/Kg	1	12/14/2021 8:54:46 PM 64464
Surr: 4-Bromofluorobenzene	109	70-130	%Rec	1	12/14/2021 8:54:46 PM 64464

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 interference
- 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 30 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-40

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 2:20:00 PM

 Lab ID:
 2112741-031
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	6800	300	mg/Kg	100	0 12/17/2021 12:04:42 PM 64573
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	12/14/2021 11:49:48 PM 64482
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2021 11:49:48 PM 64482
Surr: DNOP	98.8	70-130	%Rec	1	12/14/2021 11:49:48 PM 64482
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2021 9:18:18 PM 64464
Surr: BFB	104	70-130	%Rec	1	12/14/2021 9:18:18 PM 64464
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 9:18:18 PM 64464
Toluene	ND	0.048	mg/Kg	1	12/14/2021 9:18:18 PM 64464
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2021 9:18:18 PM 64464
Xylenes, Total	ND	0.097	mg/Kg	1	12/14/2021 9:18:18 PM 64464
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/14/2021 9:18:18 PM 64464

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 interference
- 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 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-45

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 2:25:00 PM

 Lab ID:
 2112741-032
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	7900	300	mg/Kg	100	0 12/17/2021 12:17:07 PM 64573
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	12/15/2021 9:20:19 AM 64497
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/15/2021 9:20:19 AM 64497
Surr: DNOP	95.2	70-130	%Rec	1	12/15/2021 9:20:19 AM 64497
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/14/2021 10:05:19 PM 64464
Surr: BFB	103	70-130	%Rec	1	12/14/2021 10:05:19 PM 64464
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/14/2021 10:05:19 PM 64464
Toluene	ND	0.047	mg/Kg	1	12/14/2021 10:05:19 PM 64464
Ethylbenzene	ND	0.047	mg/Kg	1	12/14/2021 10:05:19 PM 64464
Xylenes, Total	ND	0.094	mg/Kg	1	12/14/2021 10:05:19 PM 64464
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/14/2021 10:05:19 PM 64464

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 interference
- 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 32 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-50

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 2:30:00 PM

 Lab ID:
 2112741-033
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	6500	300	mg/Kg	100	0 12/17/2021 1:31:36 PM 64573
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	12/15/2021 9:30:49 AM 64497
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/15/2021 9:30:49 AM 64497
Surr: DNOP	95.1	70-130	%Rec	1	12/15/2021 9:30:49 AM 64497
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/14/2021 10:28:50 PM 64464
Surr: BFB	103	70-130	%Rec	1	12/14/2021 10:28:50 PM 64464
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	12/14/2021 10:28:50 PM 64464
Toluene	ND	0.047	mg/Kg	1	12/14/2021 10:28:50 PM 64464
Ethylbenzene	ND	0.047	mg/Kg	1	12/14/2021 10:28:50 PM 64464
Xylenes, Total	ND	0.094	mg/Kg	1	12/14/2021 10:28:50 PM 64464
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	12/14/2021 10:28:50 PM 64464

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 interference
- 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 33 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-60

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 3:30:00 PM

 Lab ID:
 2112741-034
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	9100	600	mg/Kg	200	12/17/2021 12:54:21 PM 64573
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	12/15/2021 9:41:20 AM 64497
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	12/15/2021 9:41:20 AM 64497
Surr: DNOP	100	70-130	%Rec	1	12/15/2021 9:41:20 AM 64497
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/14/2021 8:18:00 PM 64467
Surr: BFB	89.1	70-130	%Rec	1	12/14/2021 8:18:00 PM 64467
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.023	mg/Kg	1	12/14/2021 8:18:00 PM 64467
Toluene	ND	0.047	mg/Kg	1	12/14/2021 8:18:00 PM 64467
Ethylbenzene	ND	0.047	mg/Kg	1	12/14/2021 8:18:00 PM 64467
Xylenes, Total	ND	0.094	mg/Kg	1	12/14/2021 8:18:00 PM 64467
Surr: 4-Bromofluorobenzene	81.6	70-130	%Rec	1	12/14/2021 8:18:00 PM 64467

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 interference
- 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 34 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-70

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 4:00:00 PM

 Lab ID:
 2112741-035
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	6000	300	mg/Kg	100	0 12/17/2021 1:06:46 PM	64573
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	12/15/2021 9:52:23 AM	64497
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	12/15/2021 9:52:23 AM	64497
Surr: DNOP	90.9	70-130	%Rec	1	12/15/2021 9:52:23 AM	64497
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	12/14/2021 8:37:00 PM	64467
Surr: BFB	91.6	70-130	%Rec	1	12/14/2021 8:37:00 PM	64467
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.023	mg/Kg	1	12/14/2021 8:37:00 PM	64467
Toluene	ND	0.046	mg/Kg	1	12/14/2021 8:37:00 PM	64467
Ethylbenzene	ND	0.046	mg/Kg	1	12/14/2021 8:37:00 PM	64467
Xylenes, Total	ND	0.093	mg/Kg	1	12/14/2021 8:37:00 PM	64467
Surr: 4-Bromofluorobenzene	83.6	70-130	%Rec	1	12/14/2021 8:37:00 PM	64467

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 interference
- 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 35 of 44

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-80

 Project:
 Hornbaker BA Battery
 Collection Date: 12/8/2021 4:30:00 PM

 Lab ID:
 2112741-036
 Matrix: SOIL
 Received Date: 12/10/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	6900	300	mg/Kg	100	0 12/17/2021 1:19:11 PM 64573
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BRM
Diesel Range Organics (DRO)	20	9.6	mg/Kg	1	12/15/2021 10:02:53 AM 64497
Motor Oil Range Organics (MRO)	51	48	mg/Kg	1	12/15/2021 10:02:53 AM 64497
Surr: DNOP	92.4	70-130	%Rec	1	12/15/2021 10:02:53 AM 64497
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/14/2021 8:57:00 PM 64467
Surr: BFB	88.2	70-130	%Rec	1	12/14/2021 8:57:00 PM 64467
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	12/14/2021 8:57:00 PM 64467
Toluene	ND	0.050	mg/Kg	1	12/14/2021 8:57:00 PM 64467
Ethylbenzene	ND	0.050	mg/Kg	1	12/14/2021 8:57:00 PM 64467
Xylenes, Total	ND	0.10	mg/Kg	1	12/14/2021 8:57:00 PM 64467
Surr: 4-Bromofluorobenzene	80.6	70-130	%Rec	1	12/14/2021 8:57:00 PM 64467

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- 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 36 of 44

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2112741 21-Dec-21

WO#:

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: MB-64545 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 64545 RunNo: 84574

Prep Date: 12/15/2021 Analysis Date: 12/15/2021 SeqNo: 2972997 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-64545 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 64545 RunNo: 84574

Prep Date: 12/15/2021 Analysis Date: 12/15/2021 SeqNo: 2972998 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 15 1.5 15.00 0 96.7 90 110

Sample ID: MB-64563 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 64563 RunNo: 84617

Prep Date: 12/16/2021 Analysis Date: 12/16/2021 SeqNo: 2974402 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-64563 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 64563 RunNo: 84617

Prep Date: 12/16/2021 Analysis Date: 12/16/2021 SeqNo: 2974403 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 96.0 90 110

Sample ID: MB-64573 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **64573** RunNo: **84617**

Prep Date: 12/16/2021 Analysis Date: 12/16/2021 SeqNo: 2974432 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-64573 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 64573 RunNo: 84617

Prep Date: 12/16/2021 Analysis Date: 12/16/2021 SeqNo: 2974433 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.4 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 interference

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 37 of 44

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112741**

21-Dec-21

Client: GHD Midland

Sample ID: MB-64450

Surr: DNOP

Project: Hornbaker BA Battery

Sample ID: LCS-64450	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
----------------------	----------------------	-----------------------------------------------------

Client ID: LCSS Batch ID: 64450 RunNo: 84491

SampType: MBLK

9.6

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SegNo: 2969644 Units: mg/Kg

10.00

Prep Date: 12/13/2021	Analysis D	ale: 12	/14/2021	3	seqivo. Z	969644	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	101	68.9	135			
Surr: DNOP	4.8		5.000		95.2	70	130			

TestCode: EPA Method 8015M/D: Diesel Range Organics

130

70

Client ID: PBS						4493				
Prep Date: 12/13/2021	Analysis D	ate: 12	2/14/2021	S	SeqNo: 2	970076	Units: mg/K	g		
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								

96.4

Sample ID: LCS-64478	SampTyp	e: LCS	TestCo	ode: EPA Metho	d 8015M/D: Die	sel Range	e Organics	
Client ID: LCSS	Batch II	D: 64478	Run	No: 84516				
Prep Date: 12/14/2021	Analysis Date	e: 12/14/2021	Seq	No: 2970114	Units: %Red	;		
Analyte	Result F	PQL SPK value	SPK Ref Val %	GREC LowLim	t HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.3	5.000		86.3 7	0 130			

Sample ID: MB-64478	SampType: MBLK	TestCode: EPA Method	l 8015M/D: Diesel Range Organics	
Client ID: PBS	Batch ID: 64478	RunNo: 84516		
Prep Date: 12/14/2021	Analysis Date: 12/14/2021	SeqNo: 2970115	Units: %Rec	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Q	Qual
Surr: DNOP	9.0 10.00	90.1 70	130	

Sample ID: 2112741-014AMS	3	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SB-2-30	Batch	n ID: 64	482	F	RunNo: 8	4516				
Prep Date: 12/14/2021 Analysis Date: 12/15/2021 SeqNo: 2970804 Units: mg/Kg										
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	8.7	43.71	0	94.7	39.3	155			
Surr: DNOP	3.8		1 371		86.4	70	130			

Sample ID: 2112741-014AMSE	SD.	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SB-2-30	Batch	ID: 64	482	F	RunNo: 8	4516				
Prep Date: 12/14/2021 Analysis Date: 12/15/2021 SeqNo: 2970805 Units: mg/Kg										
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	9.3	46.64	0	95.7	39.3	155	7.50	23.4	

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 interference

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 38 of 44

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

4.6

4.6

WO#: **2112741**

21-Dec-21

Client: GHD Midland

Surr: DNOP

Surr: DNOP

Project: Hornbaker BA Battery

Sample ID: 2112741-014AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: SB-2-30 Batch ID: 64482 RunNo: 84516

Prep Date: 12/14/2021 Analysis Date: 12/15/2021 SeqNo: 2970805 Units: mg/Kg

5.000

5.000

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual Surr: DNOP 4.0 4.664 85.8 70 130 Λ Λ

Sample ID: LCS-64482 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 84516 Client ID: LCSS Batch ID: 64482 Prep Date: 12/14/2021 Analysis Date: 12/14/2021 SeqNo: 2970827 Units: mg/Kg %REC %RPD Analyte Result PQL SPK value SPK Ref Val LowLimit HighLimit **RPDLimit** Qual Diesel Range Organics (DRO) 49 10 50.00 97.0 68.9 135

92.5

92.8

70

70

130

130

Sample ID: MB-64482 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 64482 RunNo: 84516

Prep Date: 12/14/2021 Analysis Date: 12/14/2021 SeqNo: 2970828 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

PQL SPK value SPK Ref Val %REC LowLimit HighLimit ND 10 Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 9.7 10.00 96.9 70 130

Sample ID: LCS-64497 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 64497 RunNo: 84537 Prep Date: 12/14/2021 Analysis Date: 12/15/2021 SeqNo: 2970917 Units: mg/Kg Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** PQL LowLimit Qual Diesel Range Organics (DRO) 50 10 99.0 68.9 135 50.00

Sample ID: MB-64497 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 64497 RunNo: 84537 Prep Date: 12/14/2021 Analysis Date: 12/15/2021 SeqNo: 2970919 Units: mg/Kg Analyte Result SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit

Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 9.9 10.00 98.6 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 interference
- 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 39 of 44

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112741

21-Dec-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: mb-64437 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 64437 RunNo: 84489

Prep Date: 12/10/2021 Analysis Date: 12/13/2021 SeqNo: 2969095 Units: mg/Kg

SPK value SPK Ref Val **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit %RPD Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1000 1000 102 70 130

Sample ID: Ics-64437 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 64437 RunNo: 84489

Prep Date: 12/10/2021 Analysis Date: 12/13/2021 SeqNo: 2969096 Units: mg/Kg

HighLimit Analyte Result PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 24 5.0 25.00 O 96.6 78.6 131 Surr: BFB 1100 1000 113 70 130

Sample ID: MB SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: Batch ID: R84502 RunNo: 84502

Prep Date: Analysis Date: 12/14/2021 SeqNo: 2969459 Units: %Rec

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result POI LowLimit HighLimit Qual 1100 1000 105 70 130

Surr: BFB

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: R84502 RunNo: 84502

Prep Date: Analysis Date: 12/14/2021 SeqNo: 2969460 Units: %Rec

Analyte Result SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

1200 70 Surr: BFB 1000 118 130

Sample ID: mb-64467 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

RunNo: 84502 Client ID: PRS Batch ID: 64467

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970567 Units: mg/Kg

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result LowLimit Qual Gasoline Range Organics (GRO) 5.0 ND

Surr: BFB 900 1000 89.8 70 130

Sample ID: Ics-64467 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 64467 RunNo: 84502

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970568 Units: mg/Kg

LowLimit Analyte Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 26 5.0 25.00 0 104 78.6 131

Surr: BFB 1100 1000 106 70 130

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 40 of 44

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2112741

WO#:

21-Dec-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: mb-64464 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 64464 RunNo: 84531

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970677 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1000 1000 103 70 130

Sample ID: Ics-64464 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 64464 RunNo: 84531

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970678 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 25 5.0 25.00 O 99.6 78.6 131

Surr: BFB 1100 1000 111 70 130

Sample ID: 2112741-014ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: SB-2-30 Batch ID: 64464 RunNo: 84531

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970680 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte LowLimit HighLimit Qual Gasoline Range Organics (GRO) 30 4.9 24.53 0 122 61.3 114 S Surr: BFB 70 981.4 1100 114 130

Sample ID: 2112741-014amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: SB-2-30 Batch ID: 64464 RunNo: 84531

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970681 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result PQL LowLimit Qual Gasoline Range Organics (GRO) 32 4.9 24.63 130 61.3 7.16 S 114 20 Surr: BFB 1100 985.2 116 70 130 0 0

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

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 41 of 44

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2112741 21-Dec-21

WO#:

Client: GHD Midland **Project:** Hornbaker BA Battery

Sample ID: mb-64437 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 64437 RunNo: 84489 Prep Date: 12/10/2021 Analysis Date: 12/13/2021 SeqNo: 2969138 Units: mq/Kq PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result HighLimit Qual Benzene ND 0.025 Toluene ND 0.050 0.050 Ethylbenzene ND Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 1.1 1.000 106 70 130 Sample ID: LCS-64437 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 64437 RunNo: 84489 SeqNo: 2969139 Prep Date: 12/10/2021 Analysis Date: 12/13/2021 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 1.000 0.93 0.025 0 93.3 80 120 Benzene Toluene 0.94 0.050 1.000 0 93.5 80 120 0 93.9 80 0.94 0.050 1.000 120 Ethylbenzene 0 Xylenes, Total 2.8 0.10 3.000 92.8 80 120 130 Surr: 4-Bromofluorobenzene 1.1 1.000 109 70

SampType: MBLK TestCode: EPA Method 8021B: Volatiles Sample ID: MB Client ID: PBS Batch ID: BS84502 RunNo: 84502 Prep Date: Analysis Date: 12/14/2021 SeqNo: 2969467 Units: %Rec Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.96 1.000 95.5 70 Surr: 4-Bromofluorobenzene 130

Sample ID: 100ng btex Ics SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: **BS84502** RunNo: 84502 Prep Date: Analysis Date: 12/14/2021 SegNo: 2969468 Units: %Rec PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual

Surr: 4-Bromofluorobenzene 0.98 1.000 98.1 130

Sample ID: mb-64467 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 64467 RunNo: 84502 Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970588 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Benzene ND 0.025 ND 0.050

Toluene Ethylbenzene ND 0.050 ND Xylenes, Total 0.10

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
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 42 of 44

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2112741 21-Dec-21

WO#:

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: mb-64467 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 64467 RunNo: 84502

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970588 Units: mq/Kq

SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result %REC LowLimit HighLimit Qual

Surr: 4-Bromofluorobenzene 0.82 1.000 82.2 70 130

Sample ID: Ics-64467 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 64467 RunNo: 84502

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970589 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual Benzene 0.84 0.025 1.000 0 84.2 80 120 Toluene 0.85 0.050 1.000 0 84.7 80 120 0.85 O 85.2 80 Ethylbenzene 0.050 1.000 120 Xylenes, Total 2.5 0.10 3.000 0 82.7 80 120 0.82 1.000 70 130 Surr: 4-Bromofluorobenzene 81.6

Sample ID: mb-64464 TestCode: EPA Method 8021B: Volatiles SampType: MBLK

Client ID: PBS Batch ID: 64464 RunNo: 84531

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970712 Units: mg/Kg

RPDLimit Result PQL SPK value SPK Ref Val %REC LowLimit %RPD Qual Analyte HighLimit ND 0.025 Renzene

Toluene ND 0.050 ND 0.050 Ethylbenzene Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 1.000 107 70 130 1.1

Sample ID: LCS-64464 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 64464 RunNo: 84531

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970716 Units: mg/Kg PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual Benzene 0.93 0.025 1.000 0 93.3 80 120 0 Toluene 0.94 0.050 1.000 93.6 80 120 Ethylbenzene 0.94 0.050 1.000 0 93.6 80 120 0 Xylenes, Total 2.8 0.10 3.000 92.7 80 120 Surr: 4-Bromofluorobenzene 1.000 107 70 130 1.1

Sample ID: 2112741-015ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: SB-2-35 Batch ID: 64464 RunNo: 84531

Prep Date: 12/13/2021 Analysis Date: 12/14/2021 SeqNo: 2970722 Units: mg/Kg

PQL SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

Value above quantitation range Ε

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 43 of 44

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112741**

21-Dec-21

Client: GHD Midland

Project: Hornbaker BA Battery

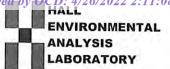
Sample ID: 2112741-015ams	e ID: 2112741-015ams SampType: MS					TestCode: EPA Method 8021B: Volatiles						
Client ID: SB-2-35	Batch	Batch ID: 64464 RunNo: 84531										
Prep Date: 12/13/2021	Analysis D	nalysis Date: 12/14/2021 SeqNo: 2970722 Units: mg/Kg										
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	1.0	0.024	0.9506	0	109	80	120					
Toluene	1.1	0.048	0.9506	0.01317	111	80	120					
Ethylbenzene	1.1	0.048	0.9506	0	116	80	120					
Xylenes, Total	3.3	0.095	2.852	0	115	80	120					
Surr: 4-Bromofluorobenzene	1.0		0.9506		110	70	130					

Sample ID: 2112741-015amsd	SampT	ype: MS	SD	Tes	tCode: El	PA Method	Method 8021B: Volatiles					
Client ID: SB-2-35	Batch	n ID: 64	464	RunNo: 84531								
Prep Date: 12/13/2021	Analysis D	ate: 12	2/14/2021	S	SeqNo: 2	970724	Units: mg/K	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	1.2	0.024	0.9470	0	122	80	120	10.6	20	S		
Toluene	1.2	0.047	0.9470	0.01317	123	80	120	10.4	20	S		
Ethylbenzene	1.2	0.047	0.9470	0	127	80	120	8.82	20	S		
Xylenes, Total	3.6	0.095	2.841	0	127	80	120	9.37	20	S		
Surr: 4-Bromofluorobenzene	1.1		0.9470		111	70	130	0	0			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- 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 44 of 44



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	GHD Midland	Work Order Num	nber: 2112	741		RcptNo: 1	
Received By:	Cheyenne Cason	12/10/2021 7:20:0	0 AM		Chal		
Completed By:	Sean Livingston	12/10/2021 8:42:4	0 AM		Chul	/	
Reviewed By: (on	12/10/2			JC	you.	
Chain of Cus	<u>tody</u>						
1. Is Chain of Cu	ustody complete?		Yes	V	No 🗌	Not Present	
2. How was the	sample delivered?		Couri	er			
Log In							
3. Was an attem	pt made to cool the samp	oles?	Yes	/	No 🗆	NA 🗆	
4. Were all samp	les received at a tempera	ature of >0° C to 6.0°C	Yes	V	No 🗆	NA □	
5. Sample(s) in p	proper container(s)?		Yes	V	No 🗆		
6. Sufficient samp	ple volume for indicated t	est(s)?	Yes [V	No 🗆		
7. Are samples (e	except VOA and ONG) pr	operly preserved?	Yes [/	No 🗌		
8. Was preservat	ive added to bottles?		Yes [No 🗹	NA 🗌	
9. Received at lea	ast 1 vial with headspace	<1/4" for AQ VOA?	Yes [No 🗆	NA 🗹	
10. Were any sam	nple containers received b	oroken?	Yes		No 🔽	# of preserved	/
	rk match bottle labels? ncies on chain of custody	")	Yes [No 🗆	bottles checked for pH: (<2 or >1:	2 unless noted)
12. Are matrices co	orrectly identified on Cha	in of Custody?	Yes	1	No 🗌	Adjusted?	
	analyses were requested	1?	Yes		No 🗆	/ -11	1.1.
	g times able to be met? stomer for authorization.)	b	Yes		No 🗌	Checked by:	12/10/4
Special Handli	ng (if applicable)					1	
15, Was client not	ified of all discrepancies	with this order?	Yes		No 🗌	NA 🗹	
Person I	Notified:	Date					
By Whor	m:	Via:	☐ eMai	F	Phone Fax	☐ In Person	
Regardir	ng:						
Client In	structions:						
16. Additional rem	narks:						
17. Cooler Inform	nation						
Cooler No	Temp °C Condition	Seal Intact Seal No	Seal Dat	е	Signed By		
1	2.6 Good						

Az Compliance Az Compliance Container Present	Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh S.c Sh	Www.hallenvironmental.com kins NE - Albuquerque, NM 87109 Ha by 8310 or 8270SIMS RAB Metals RAB Metals Analysis Request Analysis Analysis Analysis Analysis Analysis Analysis Analysis Anal
Address: Address: Main St. Suite 108, Artesia NM 88210 Froject Name: #: (505)377-4218 Froject Name: Project Name: Project Name: Project Manager: Becky Haskell Becky Haskell Con Ice: X # of Coolers: [Coolers: Implement of the cooler Templement of the cooler Te	10 10 10 10 10 10 10 10	allenvironmental.com - Albuquerque, NM 87109 - Albuquerque, NM 87109 - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - NOA) - Analysis Request - Analysis Request - Analysis Request - Analysis Request - Analysis Request - Analysis Request - Analysis R
Address: Main St. Suite 108, Artesia NM 88210 #: (505)377-4218 Project #: #: (505)377-4218 Project #: N2288 Project #: Project #: N2288 Becky Haskell@ghd.com Becky Haskell Gard AC □ Level 4 (Full Validation) Tom Larson Sampler: Z On Ice: On Ice: Other Cooler Temp(mt) Time Matrix Sample Name Container P Type and # T	10 10 10 10 10 10 10 10	F, NO ₃ , NO ₆ , SO ₄ ,
#: (505)377-4218 TEax#: Becky. Haskell@ghd.com Project #: TEax#: Becky. Haskell@ghd.com Package: dard dard dard Con Ice: AC □ Other Time Matrix Sample Name Container Type and # Type Container	SOS1 Besticides (8082 PCP) A H:8015D(GRO / DRO / MR) A H:8015D(GRO	F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ O (Semi-VOA) al Coliform (Present/Absent)
#: (505)377-4218 r Fax#: Becky.Haskell@ghd.com Project Manage Package:	(a) No HEAL No. HEAL NO. C117 44.	F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 50 (VOA) Co (Semi-VOA) al Coliform (Present/Absent)
r Fax#: Becky.Haskell@ghd.com Project Manage Becky Haskell Becky Haskell Becky Haskell Tom Larson Tom Larson Sampler: Z AC Other AC Other Time Matrix Sample Name Container P Type and # T	EDB (Method 504.1) 8081 Pesticides/8082 PCB's RTEX MIBE / IMB's (8021) 2/17 74 L.O.	F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 50 (VOA) 70 (Semi-VOA) al Coliform (Present/Absent)
Package: dard dard dard Campliance AC □ Other (Type) Time Matrix Sample Name Container Cass Sample Container	EDB (Method 504.1) EDB (Method 504.1) EDB (Method 504.1)	F, Br, NO ₃ , NO ₂ , PO ₄ , S ₀ 50 (VOA) 70 (Semi-VOA) al Coliform (Present/Abser
tation:	EDB (Method 504.1) 8081 Pesticides/8082 PCF 8081 Pesticides/8082 PCF 7/17 74.1	F, Br, NO ₃ , NO ₂ , PO ₂ 50 (VOA) 70 (Semi-VOA) 81 Coliform (PresentAb
tation:	EDB (Method 504.1) 8081 Pesticides/8082 812 A TEX MTBE / TMB 717 7 4 1	F, Br, NO ₃ , NO ₂ , 50 (VOA) 70 (Semi-VOA) al Coliform (Presen
AC Other # of Coolers: (Type) # of Coolers: Cooler Temp Container Time Matrix Sample Name Type and # Container Type and #	#EAL No. HEAL No. **COTO 2.5 **COTO 2.5 **COTO 2.5 **COTO 2.5 **COTO 3.5 F, Br, NO ₃ , N 30 (VOA) 70 (Semi-VOA)	
Time Matrix Sample Name Type and #	#EAL No. HEAL No. CR. 2.5	F, Br, NO ₃ . 50 (VOA) 70 (Semi-VO
Time Matrix Sample Name Type and #	6-022.5 BOB1 Pestic HEAL No. THEAL No. THEAL No.	F, Br, <i>N</i> 30 (VOA) 70 (Semi-
Time Matrix Sample Name Type and #	HEAL No. 12717-7-11.20	E' B
2-4-S S 18-4-S	3) 928 251
	8	3
080 1 515-4-10	200	
085 SB-4-K	500	
0820 SV-4-20	F00	
SB-4-25_	\$00	
CE30 SB-4-30	000	
0835 \$1-4-75	₹50	
0840 SB-4-40	88	
6935 SB-2-5	500	
O1-2-10	010	
0945 SP-2-KS	110	
OYSO # SB-2-20 , V	700	>
Time: Relinquished by:	Time Rema	arks: Please email: Chase_Settle@eogresources.com; Tom Larson@ahd.com: Zach Coming@ahd.com
Date: Time: Relinquished by: Received by: Via:	Matthew.Laughli	Matthew.Laughlin@ghd.com: Along with Becky Haskell
	12.16/2, 072.0 Direc	listed above. Direct Bill to EOG Chase Settle

Client: GHD Mailing Address: Phone #: (505)377-4218 email or Fax#: Becky.Haskell@ghd.com Description Calcal Validation)	Intra-Around Time: An Standard Project Name: Roject #: Roject Manager: Becky Haskell Tom Larson	Rush SSh.	5 = 3,936	ANAL ANW.ha Www.ha www.	MALYSIS LABC Www.hallenvironmental.com IS NE - Albuquerque, NM 8 5-3975 Fax 505-345-41 Analysis Request Analysis Request	LYSIS LYSIS LYSIS Allenvironm - Albuque	TIRONN TIRONN Mental.com erque, NM 87 Request Absent)	HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request	Received by OCD: 4/26/2022 2:11:08
□ Az Compliance □ Other □ Other □ □	Sampler: Zach Comino On Ice: X Yes [# of Coolers: \(\) Cooler Temp(including CF): \(\)	0 No	ATBE / IMB:	(f.402 bod) 8310 or 8270	Metals NO ₃ , NO ₂ , F	(Ac		TYPW 3	3 PM
Sample Name	Container Preservative Type and # Type	HEAL No.		11 11 11 11 11	RCRA 8 CI, F, Br	3560 (VC	S270 (Se Total Coli	Mold	
SB-2-25	Jar	0.0		(1)	-		-		
SB-2-30		710					-		-
\$17-2-35		0١٤					-		-
SB-2-40		950					-		-
SD-2-45		45					-		-
SB-2-50		\$60							7
313-2-55		, c					1		
\$13-2-60		. r.o							
517-2-70		120							-
SB-2-80		220							-
\$13-2-85		620							+
S-1-2S	4	6774	77	L				4	
Malle		Date Time	Remarks: Please email: Chase	Please e	mail: C		Settle	Settle@eogresources.com;	.;.
Relinquished by: Re	Received by: Va:	Date Time	Matthew	Laughlir	@ghd	com: /	Along v	Matthew.Laughlin@ghd.com: Along with Becky Haskell	
	Isted above. On Couring 12/10/a 6720 Direct Bill to EOG Chase Settle	17.10/a ca 22		Direc	listed above. Direct Bill to EOG Chase Settle	isted above. to EOG Cha	ove. Chase	Settle	ige 25

HALL ENVIRONMENTAL ANALYSIS LABORATORY		Albuquerque, NM 8/109	303-345-3975 Fax 505-345-4107	tialysis reduces	sent,	(Vpa oO ⁴)	1 S80 (1) (2 S C C C C C C C C C C C C C C C C C C	00 / 0 1 0 0 / 0 1 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	descended of 5 (O)	atici etho 83 Met , N , N	##:801 9081 Pe 9081 Pe 9081 Pe 11, F, Bi 12, F, Bi 13, F, Bi 14, F, Bi 15, F, Bi 16, F	8 8 D H H H S											*	Remarks: Please email: Chase_Settle@eogresources.com;	Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com; Along with Becky Haskell	Direct Bill to EOG Chase Settle
Turn-Around Time: A Standard Project Name:	Hauly BA R. M.		13 CON	Project Manager:	Becky Haskell	Tom Larson		On Ice: X Yes \square No	lers:	Cooler Temp(including cF): S. 6 C	Container Preservative HEAL No. Type and # Type	Jan Bar		7	7	000	0000		250	500	32.5	035		: Via:	D D	 me com 1410/4 0720
Client: GHD	Mailing Address:	324 W. Main St. Suite 108, Artesia NM 88210	Phone #: (505)377-4218	email or Fax#: Becky. Haskell@ghd.com	QA/QC Package:	☐ Standard ☐ Level 4 (Full Validation)	creditation:	□ NELAC □ Other	□ EDD (Type)		Date Time Matrix Sample Name	12081 1350 S SB.1-10	1755 1 513-1-15	1400 513-1-20	25-1-55 SB-1-55	140 SR-1-30	1-U\$	1420 SB-1-40	1425 SB-1.45	1470 SB-1-50	157c SB-1-60	1600 SB-1-70	1630 8 SR-1-80		Date: Time: Relinquished by:	Had well



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

OrderNo.: 2112A31

December 28, 2021

Becky Haskell GHD Midland 2135 S Loop 250 W Midland, TX 79703

TEL: (432) 686-0086

FAX:

RE: Hornbaker BA Battery

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 16 sample(s) on 12/16/2021 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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-5'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 7:35:00 AM

 Lab ID:
 2112A31-001
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	1100	60		mg/Kg	20	12/21/2021 11:46:39 PM 64679
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: JME
Diesel Range Organics (DRO)	250	99		mg/Kg	10	12/20/2021 10:06:34 PM 64586
Motor Oil Range Organics (MRO)	610	500		mg/Kg	10	12/20/2021 10:06:34 PM 64586
Surr: DNOP	0	70-130	S	%Rec	10	12/20/2021 10:06:34 PM 64586
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/17/2021 5:36:00 PM 64571
Surr: BFB	87.9	70-130		%Rec	1	12/17/2021 5:36:00 PM 64571
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.023		mg/Kg	1	12/17/2021 5:36:00 PM 64571
Toluene	ND	0.047		mg/Kg	1	12/17/2021 5:36:00 PM 64571
Ethylbenzene	ND	0.047		mg/Kg	1	12/17/2021 5:36:00 PM 64571
Xylenes, Total	ND	0.093		mg/Kg	1	12/17/2021 5:36:00 PM 64571
Surr: 4-Bromofluorobenzene	78.9	70-130		%Rec	1	12/17/2021 5:36:00 PM 64571

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 interference
- 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 1 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-10'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 7:40:00 AM

 Lab ID:
 2112A31-002
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	1200	60	mg/Kg	20	12/22/2021 12:23:41 AM 64679
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: JME
Diesel Range Organics (DRO)	9.0	9.0	mg/Kg	1	12/20/2021 10:37:57 PM 64586
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	12/20/2021 10:37:57 PM 64586
Surr: DNOP	129	70-130	%Rec	1	12/20/2021 10:37:57 PM 64586
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/17/2021 6:35:00 PM 64571
Surr: BFB	87.0	70-130	%Rec	1	12/17/2021 6:35:00 PM 64571
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.024	mg/Kg	1	12/17/2021 6:35:00 PM 64571
Toluene	ND	0.047	mg/Kg	1	12/17/2021 6:35:00 PM 64571
Ethylbenzene	ND	0.047	mg/Kg	1	12/17/2021 6:35:00 PM 64571
Xylenes, Total	ND	0.095	mg/Kg	1	12/17/2021 6:35:00 PM 64571
Surr: 4-Bromofluorobenzene	79.4	70-130	%Rec	1	12/17/2021 6:35:00 PM 64571

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
- D Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- 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 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-15'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 7:45:00 AM

 Lab ID:
 2112A31-003
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	3200	150	mg/Kg	50	12/22/2021 4:48:01 PM 64679
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: JME
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	12/20/2021 10:58:52 PM 64586
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/20/2021 10:58:52 PM 64586
Surr: DNOP	125	70-130	%Rec	1	12/20/2021 10:58:52 PM 64586
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/17/2021 7:34:00 PM 64571
Surr: BFB	86.9	70-130	%Rec	1	12/17/2021 7:34:00 PM 64571
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	12/17/2021 7:34:00 PM 64571
Toluene	ND	0.049	mg/Kg	1	12/17/2021 7:34:00 PM 64571
Ethylbenzene	ND	0.049	mg/Kg	1	12/17/2021 7:34:00 PM 64571
Xylenes, Total	ND	0.098	mg/Kg	1	12/17/2021 7:34:00 PM 64571
Surr: 4-Bromofluorobenzene	79.7	70-130	%Rec	1	12/17/2021 7:34:00 PM 64571

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 interference
- 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 3 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3- 20'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 7:50:00 AM

 Lab ID:
 2112A31-004
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	6100	300	mg/Kg	100	0 12/22/2021 5:00:22 PM 64679
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: JME
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	12/20/2021 11:09:20 PM 64586
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/20/2021 11:09:20 PM 64586
Surr: DNOP	103	70-130	%Rec	1	12/20/2021 11:09:20 PM 64586
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/17/2021 7:53:00 PM 64571
Surr: BFB	87.2	70-130	%Rec	1	12/17/2021 7:53:00 PM 64571
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	12/17/2021 7:53:00 PM 64571
Toluene	ND	0.049	mg/Kg	1	12/17/2021 7:53:00 PM 64571
Ethylbenzene	ND	0.049	mg/Kg	1	12/17/2021 7:53:00 PM 64571
Xylenes, Total	ND	0.099	mg/Kg	1	12/17/2021 7:53:00 PM 64571
Surr: 4-Bromofluorobenzene	79.5	70-130	%Rec	1	12/17/2021 7:53:00 PM 64571

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 interference
- 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 4 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3- 25'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 7:55:00 AM

 Lab ID:
 2112A31-005
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	5500	300	mg/Kg	100	12/22/2021 5:12:43 PM 64679
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: JME
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	12/20/2021 11:19:50 PM 64586
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/20/2021 11:19:50 PM 64586
Surr: DNOP	101	70-130	%Rec	1	12/20/2021 11:19:50 PM 64586
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/17/2021 8:13:00 PM 64571
Surr: BFB	87.4	70-130	%Rec	1	12/17/2021 8:13:00 PM 64571
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	12/17/2021 8:13:00 PM 64571
Toluene	ND	0.050	mg/Kg	1	12/17/2021 8:13:00 PM 64571
Ethylbenzene	ND	0.050	mg/Kg	1	12/17/2021 8:13:00 PM 64571
Xylenes, Total	ND	0.099	mg/Kg	1	12/17/2021 8:13:00 PM 64571
Surr: 4-Bromofluorobenzene	80.0	70-130	%Rec	1	12/17/2021 8:13:00 PM 64571

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 interference
- 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 5 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3- 30'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 8:00:00 AM

 Lab ID:
 2112A31-006
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	5900	300	mg/Kg	100	12/22/2021 5:25:04 PM 64679
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: JME
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	12/20/2021 11:30:21 PM 64586
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/20/2021 11:30:21 PM 64586
Surr: DNOP	102	70-130	%Rec	1	12/20/2021 11:30:21 PM 64586
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/17/2021 8:33:00 PM 64571
Surr: BFB	87.1	70-130	%Rec	1	12/17/2021 8:33:00 PM 64571
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	12/17/2021 8:33:00 PM 64571
Toluene	ND	0.049	mg/Kg	1	12/17/2021 8:33:00 PM 64571
Ethylbenzene	ND	0.049	mg/Kg	1	12/17/2021 8:33:00 PM 64571
Xylenes, Total	ND	0.098	mg/Kg	1	12/17/2021 8:33:00 PM 64571
Surr: 4-Bromofluorobenzene	79.7	70-130	%Rec	1	12/17/2021 8:33:00 PM 64571

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 interference
- 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 6 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-35'

Project: Hornbaker BA Battery Collection Date: 12/14/2021 8:05:00 AM 2112A31-007 Lab ID: Matrix: SOIL Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	6500	300	mg/Kg	100	0 12/23/2021 1:24:30 PM 64682
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: JME
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	12/20/2021 11:40:54 PM 64586
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/20/2021 11:40:54 PM 64586
Surr: DNOP	101	70-130	%Rec	1	12/20/2021 11:40:54 PM 64586
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/17/2021 8:52:00 PM 64571
Surr: BFB	89.9	70-130	%Rec	1	12/17/2021 8:52:00 PM 64571
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.024	mg/Kg	1	12/17/2021 8:52:00 PM 64571
Toluene	ND	0.049	mg/Kg	1	12/17/2021 8:52:00 PM 64571
Ethylbenzene	ND	0.049	mg/Kg	1	12/17/2021 8:52:00 PM 64571
Xylenes, Total	ND	0.097	mg/Kg	1	12/17/2021 8:52:00 PM 64571
Surr: 4-Bromofluorobenzene	78.0	70-130	%Rec	1	12/17/2021 8:52:00 PM 64571

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 7 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-40'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 8:10:00 AM

 Lab ID:
 2112A31-008
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	7100	300	mg/Kg	100	0 12/23/2021 5:57:29 PM 64682
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: JME
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	12/20/2021 11:51:28 PM 64586
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/20/2021 11:51:28 PM 64586
Surr: DNOP	101	70-130	%Rec	1	12/20/2021 11:51:28 PM 64586
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/17/2021 9:12:00 PM 64571
Surr: BFB	85.6	70-130	%Rec	1	12/17/2021 9:12:00 PM 64571
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	12/17/2021 9:12:00 PM 64571
Toluene	ND	0.049	mg/Kg	1	12/17/2021 9:12:00 PM 64571
Ethylbenzene	ND	0.049	mg/Kg	1	12/17/2021 9:12:00 PM 64571
Xylenes, Total	ND	0.099	mg/Kg	1	12/17/2021 9:12:00 PM 64571
Surr: 4-Bromofluorobenzene	77.9	70-130	%Rec	1	12/17/2021 9:12:00 PM 64571

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 interference
- 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 8 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-45'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 8:15:00 AM

 Lab ID:
 2112A31-009
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bato	ch
EPA METHOD 300.0: ANIONS					Analyst: MRA	Α
Chloride	6900	300	mg/Kg	100	0 12/23/2021 1:49:20 PM 6468	82
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: JME	E
Diesel Range Organics (DRO)	ND	7.8	mg/Kg	1	12/21/2021 12:02:03 AM 6458	86
Motor Oil Range Organics (MRO)	ND	39	mg/Kg	1	12/21/2021 12:02:03 AM 6458	86
Surr: DNOP	126	70-130	%Rec	1	12/21/2021 12:02:03 AM 6458	86
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/17/2021 9:32:00 PM 6457	71
Surr: BFB	92.4	70-130	%Rec	1	12/17/2021 9:32:00 PM 6457	71
EPA METHOD 8021B: VOLATILES					Analyst: mb	
Benzene	ND	0.024	mg/Kg	1	12/17/2021 9:32:00 PM 6457	71
Toluene	ND	0.049	mg/Kg	1	12/17/2021 9:32:00 PM 6457	71
Ethylbenzene	ND	0.049	mg/Kg	1	12/17/2021 9:32:00 PM 6457	71
Xylenes, Total	ND	0.098	mg/Kg	1	12/17/2021 9:32:00 PM 6457	71
Surr: 4-Bromofluorobenzene	81.5	70-130	%Rec	1	12/17/2021 9:32:00 PM 6457	71

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 interference
- 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 9 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3- 50th

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 8:20:00 AM

 Lab ID:
 2112A31-010
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses Analyst: MRA **EPA METHOD 300.0: ANIONS** Chloride 5400 300 mg/Kg 100 12/23/2021 2:01:45 PM 64682 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) 9.7 mg/Kg 12/21/2021 12:12:40 AM 64586 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 12/21/2021 12:12:40 AM 64586 Surr: DNOP 136 70-130 S %Rec 12/21/2021 12:12:40 AM 64586 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: mb 12/17/2021 9:51:00 PM 64571 Gasoline Range Organics (GRO) ND 4.9 mg/Kg Surr: BFB 87.4 %Rec 12/17/2021 9:51:00 PM 64571 70-130 **EPA METHOD 8021B: VOLATILES** Analyst: mb ND 12/17/2021 9:51:00 PM 64571 Benzene 0.025 mg/Kg Toluene ND 0.049 mg/Kg 12/17/2021 9:51:00 PM 64571 Ethylbenzene ND 0.049 mg/Kg 1 12/17/2021 9:51:00 PM 64571 Xylenes, Total ND 0.098 mg/Kg 12/17/2021 9:51:00 PM 64571 Surr: 4-Bromofluorobenzene 70-130 79.4 %Rec 12/17/2021 9:51:00 PM 64571

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 interference
- 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 10 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3- 55'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 9:35:00 AM

 Lab ID:
 2112A31-011
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	5500	300	mg/Kg	100	0 12/23/2021 2:14:09 PM 64682
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: JME
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	12/21/2021 12:23:27 AM 64586
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/21/2021 12:23:27 AM 64586
Surr: DNOP	110	70-130	%Rec	1	12/21/2021 12:23:27 AM 64586
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/17/2021 10:50:00 PM 64571
Surr: BFB	89.4	70-130	%Rec	1	12/17/2021 10:50:00 PM 64571
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	12/17/2021 10:50:00 PM 64571
Toluene	ND	0.050	mg/Kg	1	12/17/2021 10:50:00 PM 64571
Ethylbenzene	ND	0.050	mg/Kg	1	12/17/2021 10:50:00 PM 64571
Xylenes, Total	ND	0.099	mg/Kg	1	12/17/2021 10:50:00 PM 64571
Surr: 4-Bromofluorobenzene	79.3	70-130	%Rec	1	12/17/2021 10:50:00 PM 64571

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 interference
- 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 11 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-60'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 10:00:00 AM

 Lab ID:
 2112A31-012
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	5000	300	mg/Kg	100	12/23/2021 2:26:33 PM	64682
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	TOM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	12/20/2021 9:25:26 AM	64609
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/20/2021 9:25:26 AM	64609
Surr: DNOP	86.4	70-130	%Rec	1	12/20/2021 9:25:26 AM	64609
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/17/2021 11:09:00 PM	<i>l</i> l 64571
Surr: BFB	90.1	70-130	%Rec	1	12/17/2021 11:09:00 PM	<i>l</i> l 64571
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	12/17/2021 11:09:00 PM	<i>l</i> l 64571
Toluene	ND	0.048	mg/Kg	1	12/17/2021 11:09:00 PM	<i>l</i> 64571
Ethylbenzene	ND	0.048	mg/Kg	1	12/17/2021 11:09:00 PM	<i>l</i> l 64571
Xylenes, Total	ND	0.096	mg/Kg	1	12/17/2021 11:09:00 PM	<i>l</i> l 64571
Surr: 4-Bromofluorobenzene	83.3	70-130	%Rec	1	12/17/2021 11:09:00 PM	<i>l</i> l 64571

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
- D Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- 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 12 of 21

Analytical Report

Lab Order **2112A31**Date Reported: **12/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-70'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 10:30:00 AM

 Lab ID:
 2112A31-013
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	2300	150	mg/Kg	50	12/23/2021 2:38:57 PM	64682
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst:	TOM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	12/20/2021 9:59:31 AM	64609
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/20/2021 9:59:31 AM	64609
Surr: DNOP	83.0	70-130	%Rec	1	12/20/2021 9:59:31 AM	64609
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	12/17/2021 11:29:00 PM	1 64571
Surr: BFB	88.9	70-130	%Rec	1	12/17/2021 11:29:00 PM	1 64571
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.023	mg/Kg	1	12/17/2021 11:29:00 PM	1 64571
Toluene	ND	0.046	mg/Kg	1	12/17/2021 11:29:00 PM	1 64571
Ethylbenzene	ND	0.046	mg/Kg	1	12/17/2021 11:29:00 PM	1 64571
Xylenes, Total	ND	0.092	mg/Kg	1	12/17/2021 11:29:00 PM	1 64571
Surr: 4-Bromofluorobenzene	82.2	70-130	%Rec	1	12/17/2021 11:29:00 PM	1 64571

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 interference
- 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 13 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-75'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 10:40:00 AM

 Lab ID:
 2112A31-014
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	5100	300	mg/Kg	100	0 12/23/2021 2:51:21 PM 64682
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	12/20/2021 10:11:16 AM 64609
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/20/2021 10:11:16 AM 64609
Surr: DNOP	88.4	70-130	%Rec	1	12/20/2021 10:11:16 AM 64609
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/17/2021 11:48:00 PM 64571
Surr: BFB	95.5	70-130	%Rec	1	12/17/2021 11:48:00 PM 64571
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.024	mg/Kg	1	12/17/2021 11:48:00 PM 64571
Toluene	ND	0.048	mg/Kg	1	12/17/2021 11:48:00 PM 64571
Ethylbenzene	ND	0.048	mg/Kg	1	12/17/2021 11:48:00 PM 64571
Xylenes, Total	ND	0.097	mg/Kg	1	12/17/2021 11:48:00 PM 64571
Surr: 4-Bromofluorobenzene	85.8	70-130	%Rec	1	12/17/2021 11:48:00 PM 64571

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

Page 14 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-85'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 11:25:00 AM

 Lab ID:
 2112A31-015
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	1300	60	mg/Kg	20	12/22/2021 1:30:27 PM 64682
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TOM
Diesel Range Organics (DRO)	9.5	9.4	mg/Kg	1	12/20/2021 10:22:23 AM 64609
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/20/2021 10:22:23 AM 64609
Surr: DNOP	76.8	70-130	%Rec	1	12/20/2021 10:22:23 AM 64609
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/18/2021 12:08:00 AM 64571
Surr: BFB	91.3	70-130	%Rec	1	12/18/2021 12:08:00 AM 64571
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.023	mg/Kg	1	12/18/2021 12:08:00 AM 64571
Toluene	ND	0.047	mg/Kg	1	12/18/2021 12:08:00 AM 64571
Ethylbenzene	ND	0.047	mg/Kg	1	12/18/2021 12:08:00 AM 64571
Xylenes, Total	ND	0.094	mg/Kg	1	12/18/2021 12:08:00 AM 64571
Surr: 4-Bromofluorobenzene	82.4	70-130	%Rec	1	12/18/2021 12:08:00 AM 64571

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
- D Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- 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 15 of 21

Date Reported: 12/28/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-90'

 Project:
 Hornbaker BA Battery
 Collection Date: 12/14/2021 11:45:00 AM

 Lab ID:
 2112A31-016
 Matrix: SOIL
 Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	12/22/2021 1:42:47 PM 64682
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TOM
Diesel Range Organics (DRO)	48	8.9	mg/Kg	1	12/20/2021 10:33:40 AM 64609
Motor Oil Range Organics (MRO)	110	44	mg/Kg	1	12/20/2021 10:33:40 AM 64609
Surr: DNOP	90.9	70-130	%Rec	1	12/20/2021 10:33:40 AM 64609
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	12/18/2021 12:27:00 AM 64571
Surr: BFB	94.9	70-130	%Rec	1	12/18/2021 12:27:00 AM 64571
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.023	mg/Kg	1	12/18/2021 12:27:00 AM 64571
Toluene	ND	0.046	mg/Kg	1	12/18/2021 12:27:00 AM 64571
Ethylbenzene	ND	0.046	mg/Kg	1	12/18/2021 12:27:00 AM 64571
Xylenes, Total	ND	0.092	mg/Kg	1	12/18/2021 12:27:00 AM 64571
Surr: 4-Bromofluorobenzene	84.4	70-130	%Rec	1	12/18/2021 12:27:00 AM 64571

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 interference
- 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 16 of 21

Hall Environmental Analysis Laboratory, Inc.

2112A31 28-Dec-21

WO#:

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: MB-64679 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 64679 RunNo: 84700

Prep Date: 12/21/2021 Analysis Date: 12/21/2021 SeqNo: 2979632 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-64679 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 64679 RunNo: 84700

Prep Date: 12/21/2021 Analysis Date: 12/21/2021 SeqNo: 2979633 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.3 90 110

Sample ID: MB-64682 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 64682 RunNo: 84755

Prep Date: 12/22/2021 Analysis Date: 12/22/2021 SeqNo: 2980609 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-64682 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 64682 RunNo: 84755

Prep Date: 12/22/2021 Analysis Date: 12/22/2021 SeqNo: 2980610 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.6 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 interference
- 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 17 of 21

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112A31**

28-Dec-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: MB-64609 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS Batch ID: 64609 RunNo: 84660

Prep Date: 12/20/2021 Analysis Date: 12/20/2021 SeqNo: 2976310 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 8.4 10.00 84.4 70 130

 Sample ID: LCS-64609
 SampType: LCS
 TestCode: EPA Method 8015M/D: Diesel Range Organics

 Client ID: LCS
 Batch ID: 64609
 RunNo: 84660

 Prep Date: 12/20/2021
 Analysis Date: 12/20/2021
 SegNo: 2976311
 Units: mg/Kg

Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 10 68.9 55 50.00 110 135

 Diesel Range Organics (DRO)
 55
 10
 50.00
 0
 110
 68.9
 135

 Surr: DNOP
 4.2
 5.000
 83.9
 70
 130

Sample ID: 2112A31-012AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: SB-3- 60' Batch ID: 64609 RunNo: 84660

Prep Date: 12/20/2021 Analysis Date: 12/20/2021 SeqNo: 2977087 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 48 9.9 0 39.3 49.60 96.5 155

Surr: DNOP 4.3 4.960 86.7 70 130

Sample ID: 2112A31-012AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: SB-3- 60' Batch ID: 64609 RunNo: 84660

Prep Date: 12/20/2021 Analysis Date: 12/20/2021 SeqNo: 2977088 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Diesel Range Organics (DRO) 46 9.6 47.98 0 95.6 39.3 155 4.24 23.4 Surr: DNOP 4.798 85.9 70 130 0 0 4.1

Sample ID: MB-64586 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 64586 RunNo: 84661

Prep Date: 12/17/2021 Analysis Date: 12/20/2021 SeqNo: 2977486 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 11 10.00 108 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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- 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 18 of 21

Hall Environmental Analysis Laboratory, Inc.

2112A31 28-Dec-21

WO#:

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: LCS-64586 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 64586 RunNo: 84661

Prep Date: 12/17/2021 Analysis Date: 12/20/2021 SeqNo: 2977487 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Diesel Range Organics (DRO)
 46
 10
 50.00
 0
 91.6
 68.9
 135

 Surr: DNOP
 4.5
 5.000
 90.4
 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
- 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 19 of 21

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112A31

28-Dec-21

Client: GHD Midland

Project: Hornbaker BA Battery

Sample ID: mb-64571 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 64571 RunNo: 84642

Prep Date: 12/16/2021 Analysis Date: 12/17/2021 SeqNo: 2975678 Units: mq/Kq

PQL SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 930 1000 92.6 70 130

Sample ID: Ics-64571 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 64571 RunNo: 84642

Prep Date: 12/16/2021 Analysis Date: 12/17/2021 SeqNo: 2975680 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 25 5.0 25.00 O 99.7 78.6 131 Surr: BFB 1000

101

70

130

1000 Sample ID: 2112A31-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: SB-3-5 Batch ID: 64571 RunNo: 84642

Prep Date: 12/16/2021 Analysis Date: 12/17/2021 SeqNo: 2975682 Units: mg/Kg

%REC Result SPK value SPK Ref Val HighLimit %RPD **RPDLimit** Analyte POI LowLimit Qual Gasoline Range Organics (GRO) 28 4.7 23.34 0 118 61.3 114 S Surr: BFB 70 920 933.7 98.5 130

Sample ID: 2112A31-001amsd TestCode: EPA Method 8015D: Gasoline Range SampType: MSD

Client ID: SB-3-5 Batch ID: 64571 RunNo: 84642

Prep Date: 12/16/2021 Analysis Date: 12/17/2021 SeqNo: 2975684 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result PQL LowLimit Qual Gasoline Range Organics (GRO) 27 4.6 23.21 116 61.3 2.68 S 114 20 Surr: BFB 960 928.5 104 70 130 0 0

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 20 of 21

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112A31

28-Dec-21

Client: GHD Midland

Client ID:

LCSS

Project: Hornbaker BA Battery

Sample ID: mb-64571 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 64571 RunNo: 84642

Batch ID: 64571

Prep Date: 12/16/2021 Analysis Date: 12/17/2021 SeqNo: 2975726 Units: mq/Kq

PQL SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual

Benzene ND 0.025 Toluene ND 0.050 0.050 Ethylbenzene ND Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 0.81 1.000 81.2 70 130

Sample ID: Ics-64571 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Analysis Date: 12/17/2021 SeqNo: 2975728 Prep Date: 12/16/2021 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 1.000 0.90 0.025 0 89.8 80 120 Benzene Toluene 0.88 0.050 1.000 0 88.0 80 120 0 87.5 80 0.88 0.050 1.000 120 Ethylbenzene 0 85.5 Xylenes, Total 2.6 0.10 3.000 80 120 Surr: 4-Bromofluorobenzene 0.81 1.000 80.9 70 130

RunNo: 84642

Sample ID: 2112A31-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: SB-3- 10^t Batch ID: 64571 RunNo: 84642

Prep Date: 12/16/2021 Analysis Date: 12/17/2021 SeqNo: 2975730 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 101 80 0.95 0.024 0.9479 120 Benzene O Toluene 0.95 0.047 0.9479 0 101 80 120 0 101 80 Ethylbenzene 0.95 0.047 0.9479 120 Xylenes, Total 2.8 0.095 2.844 0 97.8 80 120 Surr: 4-Bromofluorobenzene 0.9479 80.3 0.76 70 130

TestCode: EPA Method 8021B: Volatiles Sample ID: 2112A31-002amsd SampType: MSD

Client ID: SB-3- 10' Batch ID: 64571 RunNo: 84642

Prep Date: 12/16/2021	Analysis [Date: 12	2/17/2021	5	SeqNo: 2	975732	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.024	0.9443	0	94.4	80	120	6.75	20	
Toluene	0.88	0.047	0.9443	0	92.8	80	120	8.30	20	
Ethylbenzene	0.88	0.047	0.9443	0	92.7	80	120	8.43	20	
Xylenes, Total	2.6	0.094	2.833	0	90.5	80	120	8.11	20	
Surr: 4-Bromofluorobenzene	0.74		0.9443		78.4	70	130	0	0	

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

Е Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 21 of 21



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD Midland	Work Order Num	ber: 2112A31		RcptNo: 1
Received By: Cheyenne Cason	12/16/2021 7:52:00) AM	Chul	
Completed By: Desiree Dominguez	12/16/2021 9:51:10	AM	TA	
Reviewed By: WG 12/16/2	ſ		113	
Chain of Custody				
1. Is Chain of Custody complete?		Yes 🗸	No 🗌	Not Present
2. How was the sample delivered?		Courier		
Log In				
3. Was an attempt made to cool the samples?		Yes 🗸	No 🗆	NA 🗆
4. Were all samples received at a temperature of	>0° C to 6.0°C	Yes 🗹	No. 🗌	NA 🗆
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌	
6. Sufficient sample volume for indicated test(s)?		Yes 🗸	No 🗆	
7. Are samples (except VOA and ONG) properly	preserved?	Yes 🗸	No 🗆	
8. Was preservative added to bottles?		Yes	No 🔽	NA 🗆
9. Received at least 1 vial with headspace <1/4" f	or AQ VOA?	Yes 🗌	No 🗌	NA 🗹
10. Were any sample containers received broken?		Yes	No 🗸	3.34
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗆	# of preserved bottles checked for pH: (<2 or ≥12 unless noted)
12. Are matrices correctly identified on Chain of Cu	istody?	Yes 🗸	No 🗌	Adjusted?
3. Is it clear what analyses were requested?		Yes 🗸	No 🗌	1
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗸	No 🗌	Checked by: JA 12 16 2
Special Handling (if applicable)				
15. Was client notified of all discrepancies with this	s order?	Yes	No 🗌	NA 🔽
Person Notified:	Date:			
By Whom:	Via:	eMail	Phone Fax	☐ In Person
Regarding:				
Client Instructions:				
16. Additional remarks:				
17. Cooler Information Cooler No Temp °C Condition Seal 1 1.7 Good	Intact Seal No	Seal Date	Signed By	

NTAL ACT		D: 4/2	26/20	22 2	:11:	:08 PM																		Pag	ge 278 of
HALL ENVIRONMENTAI	mental com	Albuqueraue, NM 87109	Fax 505-345-4107	Request	(tut	əsdA\tı	nese S) w.	olifo	8270 (S Total Co .01µ)	×	×	×	×	\ \ \	×	×	×	×	×	×	×	time: 0935	Time: Relinquished by: Received by: Via. 121.614 Manual Can 121.614 Manual Can 121.514 Manual Can 121.514 Manual Can 121.514 Manual Can 121.514
ALYSTS	www.hallenvironmental.com	,		Analysis Request	[†] O\$	PO¢, 5	10 ⁵ '		103	۱, ۱۸	RCRA 8 CI, F, E 8260 (V													55' tin	
HALL		4901 Hawkins NE	Tel. 505-345-3975			bcB,²	S80	8/s	əbi:	oitee odtei	8081 P. M) BDB A sHAG													58-3-	
		94									X3T8 X3T8		×	X	X	X	×	\times	×	X	×	X	X	Remarks	
		7.								1.7 (°C)	HEAL No.	100	700-	200	hoo-	-005	400-	+00-	800-	-009	-010	110-	210-	Time 1.85	Time 6752
Jank .		Battery				1	١,	oN □		1=1'0-8	4											•	,	Date (1417)	Date 17.15/2
Ime: SOaw Rush		aker BA	1779662	001074	iger:	Haskell		⊠ Yes		(including CF): , 8	Preservative Type													Via:	Cour +
l urn-Around Time: - □ Standard	Project Name:	Horn baker	MM Project #:	-	Project Manager:	Beday	Sampler:	On Ice:	# of Coolers:	Cooler Temp(including CF): J	Container Type and #)											Received by:	Received by:
ecord			ArtisiaM		hd com	Il Validation)			0		ne												प्रश्त म्वीक्ष		
Chain-of-Custody Record			Saite 108	-421B	Haskell Rand com	□ Level 4 (Full Validation)	npliance				Sample Name	58-3-5'	58-3-10'	58-3-15'	58-3-20	58-3-25'	58-3-30	58-3-35	58-3-40'	58-3-45.	58-3-50	58-3-55	58-3-60	d by:	d by:
-of-Cust			Mainst.	£45-505	Becky.		☐ Az Compliance	□ Other			Matrix	5	-										2	Relinquished by:	Relinquished by:
hain		Mailing Address:	M.M	21	email or Fax#:	QA/QC Package: □ Standard	itation:	AC	□ EDD (Type)		Time	2/14/20735	0110	5460	0750	0755	0860	0805	0810	5180	0820	277500	00:00	Time:	Time: 190D
Client:		Mailing	324	Phone #:	email o	QA/QC Packa □ Standard	Accreditation:	□ NELAC			Date	12/14/2	_										>	Date: । मुध्राय्	Date: Time: 1900

	. >	=	D: 4/	20/2	022		1:08 PA															Tag	ge 2/9	
4	HALL ENVIRONMENTAL	ATO LABORA	www.nallenvironmental.com ins NF - Albiralieralie NM 87109	Eav 505 345 4107	DE SER	(/-ime	8260 (Vi 8270 (Sd Total Co		X	χ	X							-		
	LL EI				Analy	7(OS '⁵Oc	NO ⁵ ' E	_		RCRA 8	_												
	HALL		www.nall	505-345-3975	20-04-0		SMIS				(d sHA9													
	ПГ	B	Hav	505		H	CB,8				8081 Pe									+				
E			490	a F	2	-				2	108:H9T	×	بر	×	×						1 =	Remarks:		
Ė			-	Г			(8021)	I I	/ 38		\ X∃T8	×	×	\times	×							Rer		
	of Rush		BA Balton.	/			Jask!	A		8-0,1-1.7 (°C)	HEAL NO.	- 013	H10-	-015	910-							Date Time	Time	1161a 075C
Ę.			aker BA		11228980	ader:	1	6		(including CF): (Preservative Type						1		À			Via:	Via:	Elm 12
Turn-Around	☐ Standard	Project Name:	Horn Baker	ID.	11	Project Manager:	Bek	Sampler:	# of Coolers.	Cooler Temp(including CF): (Container Type and #	7			>							Received by:	Received by:	7
Chain-of-Custody Record			J. Main St. Swite 108		505-3774218	Recky, Haskill and on	☐ Level 4 (Full Validation)				Sample Name	58-3-70:	58-3-75.	58-5-85,	58-3-90'							phy:	d by:	110 Well Dem (2/16/4 075C)
-of-Cu	GHO		Mailing Address: 324 W	NM	55-37			☐ Az Cor			Matrix	S			>							Relinquished by:	Relinquished by:	Whi.
Shain			g Address	4-465.9		email or Fax#:	QA/QC Package:	Accreditation:	□ EDD (Tvpe)		Time	1630	1040	Stil	1145							Time: 1/45	Date: Time:	m1.1
_	Client:		Mailin	1	Phone #:	email	QA/QC Packa	Accreditation NEI AC			Date	(2/M2)	12/14			7						Date: १५१४५	Date:	14/4



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

January 19, 2022

Tom Larson GHD Midland 2135 S Loop 250 W Midland, TX 79703

TEL: (432) 686-0086

FAX

RE: Horubaker BA Battery OrderNo.: 2201366

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 1/11/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2201366

Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-3-95

 Project:
 Horubaker BA Battery
 Collection Date: 1/7/2022 9:00:00 AM

 Lab ID:
 2201366-001
 Matrix: SOIL
 Received Date: 1/11/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	ND	60	mg/Kg	20	1/14/2022 1:51:44 PM	65024
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	1/13/2022 7:31:20 PM	64980
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	1/13/2022 7:31:20 PM	64980
Surr: DNOP	70.5	70-130	%Rec	1	1/13/2022 7:31:20 PM	64980
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/12/2022 4:32:00 PM	64958
Surr: BFB	90.5	70-130	%Rec	1	1/12/2022 4:32:00 PM	64958
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	1/12/2022 4:32:00 PM	64958
Toluene	ND	0.049	mg/Kg	1	1/12/2022 4:32:00 PM	64958
Ethylbenzene	ND	0.049	mg/Kg	1	1/12/2022 4:32:00 PM	64958
Xylenes, Total	ND	0.098	mg/Kg	1	1/12/2022 4:32:00 PM	64958
Surr: 4-Bromofluorobenzene	91.7	70-130	%Rec	1	1/12/2022 4:32:00 PM	64958

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

Page 1 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2201366** *19-Jan-22*

Client: GHD Midland

Project: Horubaker BA Battery

Sample ID: MB-65024 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 65024 RunNo: 85168

Prep Date: 1/14/2022 Analysis Date: 1/14/2022 SeqNo: 2996994 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-65024 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 65024 RunNo: 85168

Prep Date: 1/14/2022 Analysis Date: 1/14/2022 SeqNo: 2996995 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.1 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 interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2201366** *19-Jan-22*

Client: GHD Midland

Project: Horubaker BA Battery

Sample ID: MB-64980 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 64980 RunNo: 85152

Prep Date: 1/12/2022 Analysis Date: 1/13/2022 SeqNo: 2995661 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 8.9 10.00 89.2 70 130

Sample ID: LCS-64980 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 64980 RunNo: 85152

Prep Date: 1/12/2022 Analysis Date: 1/13/2022 SeqNo: 2995662 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Diesel Range Organics (DRO)
 47
 10
 50.00
 0
 93.4
 68.9
 135

 Surr: DNOP
 4.6
 5.000
 91.8
 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2201366**

19-Jan-22

Client: GHD Midland

Project: Horubaker BA Battery

Sample ID: mb-64958 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 64958 RunNo: 85110

Prep Date: 1/11/2022 Analysis Date: 1/12/2022 SeqNo: 2994495 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 890 1000 88.9 70 130

Sample ID: Ics-64958 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 64958 RunNo: 85110

1000

Prep Date: 1/11/2022 Analysis Date: 1/12/2022 SeqNo: 2994497 Units: mg/Kg

1000

Qual Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Gasoline Range Organics (GRO) 25 5.0 25.00 0 98.4 78.6 131

102

70

130

Qualifiers:

Surr: BFB

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

Page 4 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: 2201366 19-Jan-22

Client: GHD Midland

Project: Horubaker BA Battery

Sample ID: mb-64958 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 64958 RunNo: 85110

Prep Date: 1/11/2022 Analysis Date: 1/12/2022 SeqNo: 2994523 Units: mg/Kg

PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result

Benzene ND 0.025 Toluene ND 0.050 ND 0.050 Ethylbenzene Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 0.92 1.000 91.7 70 130

Sample ID: Ics-64958 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 64958 RunNo: 85110

Prep Date: 1/11/2022	Analysis L	Date: 1/	12/2022	٤	seqNo: 29	994524	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.4	80	120			
Toluene	0.95	0.050	1.000	0	94.7	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.9	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		91.4	70	130			

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
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 5 of 5



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	GHD Midland		Worl	k Order Num	ber: 220	1366			RcptNo: 1	
Received By:	Cheyenne Cas	on	1/11/20	022 8:00:00	АМ		Cheme	1		
Completed By:	Sean Livingsto	on	1/11/20	022 9:00:16	AM		0	1		
Reviewed By:	KPG	0.1	22	9:1			<i>ب</i> ر	-6	not-	
Chain of Cus										
1. Is Chain of Co	ustody complete?				Yes	V	No		Not Present	
2. How was the	sample delivered?	7			Cou	rier				
Log In										
3. Was an attem	pt made to cool th	he sampl	es?		Yes	V	No		NA 🗌	
4. Were all samp	oles received at a	temperat	ture of >0° C	to 6.0°C	Yes		No	V	NA 🗆	
5. Sample(s) in p	oroper container(s	3)?			Yes	Not fro	No			
S. Sufficient sam	ple volume for ind	licated te	st(s)?		Yes	V	No			
7. Are samples (e	except VOA and C	ONG) pro	perly preserve	ed?	Yes	V	No			
3. Was preservat	ive added to bottle	es?			Yes		No	~	NA 🗆	
Received at lea	ast 1 vial with hea	dspace <	<1/4" for AQ \	/OA?	Yes		No		NA 🗹	
0. Were any sam	ple containers red	ceived br	oken?		Yes		No	V	# of preserved	/
	rk match bottle lat ncies on chain of				Yes	V	No		bottles checked for pH:	ess noted)
	orrectly identified				Yes	~	No I		Adjusted?	out motody
3. Is it clear what	analyses were re-	quested?			Yes	~	No			
	g times able to be stomer for authori				Yes	V	No I		Checked by: Che	lulre
pecial Handli	ng (if applica	ble)								
	ified of all discrep		ith this order?	•	Yes		No		NA 🗹	
Person N	Notified:			Date:				-		
By Whor	n:			Via:	☐ eMa	úl 🔲	Phone [Fax	☐ In Person	
Regardir										
Client In:	structions:									
Additional rem	narks;									
7. Cooler Inform	nation									
Cooler No	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	ndition	Seal Intact	Seal No	Seal Da	ite	Signed B	у		
1	-0.4 Good	d						-		

HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request Bost Pesticides/8082 PCB's 8081 Pesticides/8082 PCB's 8081 Pesticides/8082 PCB's RCRA 8 Metals Col. E. B. I. NO., NOA) 8220 3cc Col. E. B. I. NO., NOA) RCRA 8 Metals Col. E. B. I. NOA, NOA) Botte Time Remarks: Please email: Chase_Settle@eogresources.com Matthew.Laughlin@ghd.com; Abong with Becky Interest. Direct Bill to EOG chase Settle Scal Interest. Direct Bill to EOG chase Settle	HALL ENVIRONMENTAL Project Name. Project	Chain-of-Custody Record	Turn-Around Time:		1		1	10	
Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name, Project Name	Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Proj	Client: GHD		<			NVTD	OMMENITA	
Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Proj	10 10 10 10 10 10 10 10			sh 5-2		ANAIV	CTC	APOPULIA	1 5
Main St. Suite 106 Artesta NM 80210	Major St. Suite 106 Artesia NM 80210 Project # 1.2.2.5/2		Project Name:	6			213 [ABORATOR	
Name St. Suite 100, Arresia NM 88210 Project # Naz_ESS_EA	Main St. Suite 108. Arbeit 108. Arbeit 109. Arbeit 1	Mailing Address:	_	3/ 1/2 II		<u>=</u>	vironment	al.com	OCI
Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive	Comparison Comparison Container Project Manager Container Project Manager Container Project Manager Container Container Project Manager Container Container Container Project Manager Container Container Container Project Manager Container Container Project Manager Container Container Project Manager Container Container Project Manager Container Container Project Manager Container Container Project Manager Container Co	324 W. Main St. Suite 108, Artesia NM 88210	3	STEED OF THE STEED	4901 Hav	1	Ibuquerque	e, NM 87109): 4/.
Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chackage: Chac	Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Checkego: Chec	Phone #: (505)377-4218	V 950 C-11		lel. 505-	-345-3975	Fax 505-	345-4107	26/1
Time Matrix Sample Name Type Typ	Sample Contained Contain		Project Manager:			Ana	ysis Requ	nest	2022
Addresses a service to the following samples of the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services on the following services	Sampler Time Matrix Sampler Matrix		Beckv Haskell		(OAI			70	2:1
Time Matrix Sample Name Topoler Temporaries on A Fig. 1 Compliance Topoler Temporaries on A Fig. 1 Container Topoler Temporaries on A Fig. 1 Container Topoler Temporaries on A Fig. 1 Container Topoler Temporaries on A Fig. 1 Container Topoler Temporaries on A Fig. 1 Container Topoler Temporaries on A Fig. 1 Container Topoler Temporaries on A Fig. 1 Container Topoler Temporaries on A Fig. 1 Container Topoler Top	Time. Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinq		Tom Larson		W/C			SadA	1:08
Time Matrix Sample Name Time Relinquished by Via: Consession	Time Matrix Sample Name Type and # Type Time Matrix Sample Name Type and # Type Time Matrix Sample Name Type and # Type Time Matrix Sample Name Type and # Type Time Matrix Sample Name Type and # Type Time Matrix Sample Name Type and # Type Time Matrix Sample Name Type and # Type Time Matrix Sample Name Type and # Type Time Matrix Sample Name Type and # Type Time Matrix Sample Name Type and # Type Time Time Matrix Sample Name Type and # Type Time Tim			0	32 F	S027		Λuə ([PM
Time Matrix Sample Name Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and # Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type and Type a	Time: Relinquished by. Received by. Via. Color Time Relinquished by. Received by. Via. Color Time Relinquished by. Received by. Via. Color Time Relinquished by. Received by. Via. Color Time Relinquished by. Received by. Via. Date Time Relinquished by. Color Companient to that Enrollment to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the analyzed to the an				3 / C	28 1		Sey,	1—
Time: Relinquished by: Time: Relinquished by: Received by: Via:	Time Relinquished by. Time Relinquished by. Received by. Via. Date Time Relinquished by. Contracted to the parameter to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracted to the passage in the contracte	☐ EDD (Type)	# of Coolers: 1		səp	o o		1) I	_
Time Matrix Sample Name Type and # Type 220/36.00 Container Type and # Type 220/36.00 Container Type and # Type 220/36.00 Coll Container Type and # Type 220/36.00 Coll Coll Coll Coll Coll Coll Coll Col	Time Matrix Sample Name Type and # Type		Cooler Temp(including CF): ~	11	5D(C	rs8 Meta	(A	form John	
Time: Relinquished by: Received by: Via: Date Time Reinquished by: Company Compa	Color Strate St	Time Matrix	Container Preservativ	e HEAL No.	H:801 91 Pe	үd sH 8 АЯ	O(VC	al Coll	
CNO L SN -3 - 100 L SN - 3 0 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100 L SN - 3 - 100	Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Charles Char	× ×		2201366	9T 308	PA DA	978	がり	
CALC S(S - 3 - 100) Level Leve	Time: Relinquished by: Received by: Wa: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Amount of the possibility. Any sub-contracted to other socredited bloratories. This serves as notice of the possibility. Any sub-contracted data will be dearly notized on the passification.	clos 3 315.3.	Jan	100	_			2	-
Time: Relinquished by. Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Imecessey, samples submitted to Half Environmental may be submortated to All accessey, samples submitted to Half Environmental may be submortated to All accesses, samples submitted to Half Environmental may be submortated to All accesses, samples submitted to Half Environmental may be submortated to All accesses, samples submitted to Half Environmental may be submortated to All accesses, samples submitted to Half Environmental may be submortated to All accesses, samples submitted to Half Environmental may be submortated to All accesses, samples submitted to Half Environmental may be submortated to All accesses and a submortated to All accesses and a submortated to All accesses, samples submitted to Half Environmental may be submortated to All accesses, samples submitted to Half Environmental may be submortated to All accesses, samples submitted to Half Environmental may be submortated to All accesses, samples submitted to Half Environmental may be submortated to All accesses, samples submitted to Half Environmental may be submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All accesses and a submortated to All	Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Injoy 27 500 Matthew. Laughlin@ghd.com; Zeach Comino@ghd.com;	4	٦	500					-
Time: Relinquished by. Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach. Comino@ghd.com; Along with Becky Haskell Accessey, samples submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted to that Environmental may be submitted.	Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; In 1 1 1 2 2 2 2 2 2 2			3	1			1	
Time: Relinquished by: Received by: Received by: Received by: Received by: Watthew.Laughlin@ghd.com; Along with Becky Haskell lineassay, samples submitted to Hall Environmental in All and a submitted to Hall Environmental in All and a submitted to Hall Environmental in All and a submitted to Hall Environmental in All and a submitted to Hall Environmental in All and a submitted to Hall Environmental in All and a submitted to Hall Environmental in All and a submitted to Hall Environmental in All and a submitted to Hall be submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a submitted to Hall and a sub	Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: All Second by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Tom_Larson@ghd.com; Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Along with Becky Haskell Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com Another.com An								
Time: Relinquished by: Received by: Received by: Received by: Received by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com; Along with Becky Haskell Abt Fract Direct Bill to EOG Chase Settle Direct Sill to EOG Chase Settle	Time: Relinquished by: Wa: Date Time Remarks: Please email: Chase_Settle@eogresources.com; MAXA Inc. Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; April 2								
Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle Tom.Larson@ghd.com; Zach.Comino@ghd.com; Along with Becky Haskell All Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle Tom.Larson@ghd.com; Zach.Comino@ghd.com; Along with Becky Haskell All Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle Tom.Larson@ghd.com; Along with Becky Haskell All Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Along with Becky Haskell All Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Tom.Larson@ghd.com; Along with Becky Haskell All Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Along with Becky Haskell All Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Tom.Larson@ghd.com; Along with Becky Haskell All Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle	Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Time Time Time Time Time Time Tim								-
Time: Relinquished by: Received by: Received by: Received by: Whith we have an all company time of the part of the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and the phase and	Time: Relinquished by: Received by: Receiv								
Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Date Time Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Date Time Received by: Via: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Date Time Remarks: Please email: Chase Settle@eogresources.com; Time: Date Time Remarks: Please Settle@eogres	Time: Relinquished by: Received by: Receiv								
Time: Relinquished by: Received by: Receiv	Time: Relinquished by: Received by: Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Apt Fracc. Settle @eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Apt Fracc. Direct Bill to EOG chase Settle								
Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Matthew.Laughlin@ghd.com; Along with Becky Haskell Abt fract. listed above. 3-1(1) 72 Direct Bill to EOG Chase Settle	Time: Relinquished by: Received by: Received by: Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Zach.Com; Zach.Comino@ghd.com; Zach.C								
Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Received by: Via: Date Time Matthew.Laughlin@ghd.com; Along with Becky Haskell incressary, samples submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitted to Hall Environmental may be submitte	Time: Relinquished by: Received by: Receiv								-
Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Received by: Via: Date Time Natthew.Laughlin@ghd.com; Along with Becky Haskell isted above. Settle Direct Bill to EOG Chase Settle	Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Date Time Remarks: Please email: Chase_Settle@eogresources.com; August Chase_Settle Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com August Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com August Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com August Comino@ghd.com; Zach.Comino@ghd.com August Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com August Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com August Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com August Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com; Zach.Comino@ghd.com; Za								F
Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Received by: Via: Date Time Matthew.Laughlin@ghd.com: Along with Becky Haskell Abt Forcer Incressary, samples submitted to Hall Environmental may be subcontracted to other according by: Via: O800	Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Time: Relinquished by: Via: Date Time Matthew.Laughlin@ghd.com; Along with Becky Haskell Abt Frazer listed above. Settle If necessary, samples submitted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	Time: Relinguished by:	-						
Time: Relinquished by: Received by: Via: Date Time Atthew.Laughlin@ghd.com: Along with Becky Haskell Aby Com. Along with Becky Haskell Island above. Set 11.11.22 If necessary, samples submitted to Hall Environmental may be surhcontracted to other according to the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of	Time: Reinquished by: Received by: Via: Date Time Natthew.Laughlin@ghd.com: Along with Becky Haskell Section of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	Sec 7/6 1/1		Ē	Remarks: Ple Tom.La	ease email: Charson@ahd.co	nase_Settle	e@eogresources.cor	7:
Chr. Cenn 11.1 22 Direct Bill to EOG Chase Settle	(Commental 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.	Time: Relinquished by:	3	įΞ	Matthew.L	aughlin@ghd.	com: Along	g with Becky Haskell	Pa
ogo o diase settle	This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	Total Free Golden	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s		2007 +QV	Direct Rill to	ed above.	عد اااااعد	ge 2
	I his serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	If necessary, samples submitted to Hall Environmental may be subcon	tracked to other properties of letters.	0080		בווכמו במוו נס	LOG 018	e oelle	87

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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 101668

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	101668
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Create	ed By		Condition Date
bbil	ings	None	4/28/2022